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THE INDUSTRIOUS HEN

5¢ A Copy

50¢ A Year

JUNE, 1916



First Prize S. C. White Leghorn Hen at Chicago Coliseum Show 1915.
Owned by Paul W. Schultz, Laurel, Ind.

Blair-Young Publishing Co.
INCORPORATED
Louisville-----Kentucky

W. J. SMITH ART STUDIO

THE Industrious Hen

Absorbing Poultry Ideas, Louisville, Ky.; Practical Poultry, Birmingham, Ala.; The Poultry Times, Norfolk, Va.; Southern Poultry Magazine, Nashville, Tenn.; The Poultry News, Bustleton, Pa.; Tennessee Poultry Journal, Lebanon, Tenn.; The National Poultry Breeder, Owensboro, Ky.; Everybody's Poultry Journal, Nashville, Tenn.; The Leghorn Journal, Appomattox, Va.

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PER YEAR.

Officers and Directors.

COLLINS YOUNG, President and Manager.
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I. GAYLORD BLAIR, Secretary-Treasurer.

Editorial and Business Staff.

J. GAYLORD BLAIR, Managing Editor.
EDW. M. GRAHAM, Associate Editor.
W. J. SMITH, Artist.

SUBSCRIPTIONS—One year 50 cents; three years \$1.00. Foreign subscriptions 75 cents. In order to start with current number, the subscriptions must be received at the office by the 10th of the month.

PUBLISHERS' ANNOUNCEMENT—All manuscript and copy for change of advertisements should be in our hands promptly by the 10th of the month preceding date of issue. THIS IS IMPORTANT. New business can be accepted as late as the 25th of the month, but special position cannot be guaranteed.

WE ALWAYS STOP THE MAGAZINE at the expiration of the time paid for unless a renewal of subscription is received. Those whose subscriptions have expired must not expect to continue to receive the magazine unless they send the money to pay for it another year.

MISSING NUMBERS—It occasionally happens that numbers of our magazine sent to subscribers are lost or stolen in the mails. In case you do not receive any number when due, write us a postal and we will cheerfully forward a duplicate of the missing number.

ADVERTISING RATES ON APPLICATION

GOLDEN ROD EGG FARM PRODUCE



LARGEST POULTRY FARM
IN THE STATE

Hatching Eggs and Baby
Chicks by the thousand.
Orders promptly filled and
fair treatment guaranteed.

Write for catalogue.



GOLDEN ROD EGG FARM,
HARDINSBURG, KENTUCKY

DO NOT READ THIS

Unless you want to raise some SURE ENOUGH all around chickens, good to eat, good layers in winter, good to bring home the blue if shown. They are healthy, hardy hustlers and do not have the gapes. Eggs from three fine yards. No. 1, all first prize winners, \$5.00 per 15; No. 2, \$3.00; No. 3, \$1.50.

W. F. McREYNOLDS, Buff Leghorn Specialist,

MEMBER A. B. L. C.

GRACEY,

R. No. 3

KENTUCKY

SINGLE COMB WHITE LEGHORNS

Line bred for exhibition and utility purposes. My breeding pens are headed by CHICAGO COLISEUM BLUE RIBBON WINNERS. My stock is right. Give me a trial. SATISFACTION GUARANTEED. Stock and eggs for sale.

PAUL W. SCHULTZE,

Laurel, Indiana

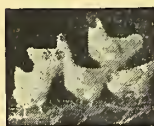


For Sale—S. C. Brown Leghorns
Hens, Cocks, Cockerels and Pullets

Eggs from all yards \$1.00 per setting
of 15 eggs or \$6.00 per 100 eggs the
rest of the season.

M. S. COPELAND,

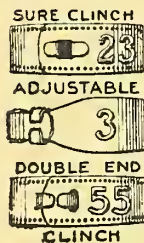
Powell Station, Tenn.



RHODE ISLAND WHITES

Exhibition birds. Winter layers.
Describe what you want.

MRS. C. M. VERTREES,
Cecilia, Box E Ky.



POULTRY BANDS

12 Varieties. Aluminum, with
raised figures, price, 2, 15c; 25,
25c; 50, 35c; 100, 60c; 200, 4.25.
Celluloid Bands in 8 different
colors, with aluminum back, large
black figures, price, 2, 30c; 25,
50c; 50, 90c; 00, .50. Send for
FREE catalogue.

The National Poultry Band Co.,
Newport, Ky.

HARLEY'S WHITE ORPINGTONS'

DR. S. E. HARLEY, Centralia, Mo

Won at Frankfort, Sedalia, Carrollton, Wellsville, Saulsbery, Moberly and
Columbia; 18 firsts, 17 seconds, 13 thirds and four specials. Pens now mated.
Eggs for hatching. A few choice cockerels for sale.

NOX

Don't let Chickenpox steal your profits. NOX-POX will stop the loss. Read what Mr. Rafferty says about it: "Havana Poultry Remedy Co., Havana, Ill.—You certainly named your NOX-POX right, for it knocks the chickenpox every time. Having used it, I know it will do the work."—J. F. Rafferty, Breeder of White Rocks, Canton, Illinois. Full sized package mailed to any address upon receipt of 50 cents.

HAVANA POULTRY REMEDY CO.,

HAVANA,

ILLINOIS

Opportunity Knocks at Your Door

We are giving our old customers and new ones as well, an opportunity to buy at a greatly reduced price during our "annual summer sale of breeding stock" birds that will add quality to their flock or give them the right start in the poultry business. We are offering some grand good birds in **Columbian Wyandottes** and **S. C. White Leghorns**. Single birds, pairs, trios or pens, or whatever you may desire. You just can't afford to miss this opportunity of getting a few of these birds at the prices we are offering them at. You had better write us today for prices and meanwhile remember that we guarantee satisfaction in every instance. Write your wants today to:

MOUNTAIN VIEW FARM,

D. R. McBRAYER, Mgr.

Mooresboro, N. C.



THE OLD RELIABLE
LAMBERT'S
DEATH TO LICE

Insures Clean Fowls —
Larger Profits

It has been the Standard Lice-Killer for over 30 years—the standby of Successful Poultry-keepers. Easily used, absolutely safe, sure and quick in results. Most economical because it goes farthest. Try it and see young fowls grow faster and hens lay. Prices \$1.00, 50c, and 25c per Package. Sample 10c. If not at your dealers; send direct. "Secrets of Success with Poultry" by D. J. Lambert for 2c stamp. Address

THE KLEIN-LAMBERT CO., 434 Traders Bldg., Chicago

Breeders Cards

Rates 3c per word. No advertisement accepted for less than 50c. All cards will be set in uniform style without any display. Terms Cash in advance. Paper will be sent free as long as the advertisement runs.

ALL CLASSIFIED ADS ARE IN FRONT OF BOOK, THUS GIVING THE SMALL ADVERTISER A CHANCE

ANCONAS

Sheppard's Famous Anconas the World's best. Single or Rose Comb. First at world's greatest shows, including London, England, Madison Square and Cleveland. Greatest egg record. Average 256 for entire flock. Cecil Sheppard, Berea, Ohio. 10-12t

Anconas—Stock for sale at reasonable prices. Eggs \$2 for 15. The kind you want and need. F. G. Stickney, Tuscaloosa, Ala.

ANDALUSIANS.

Blue Andalusians, White Faced Black Spanish and Silver Spangled Hamburgs. Fine young stock for sale. Eggs at \$1.50 per 15. H. R. Birchett, Lebanon, Tenn. 11-12t

For reduced prices on eggs and stock see Lombardy Heights Poultry Farm ad on page 259, this issue. 5-2t

BANTAMS

Seabrights, Japanese Cochins, Games, Brahmas, Rose Combs, Polish. Send 2c stamp for circular. Fenn Bantam Yards, Desk L, Delavan, Wis. 1-6t

Buff Cochins Bantams, White Orpingtons, Anconas, Rhode Island Reds, Partridge Rocks. Write your wants. O. N. Garrett, North Chattanooga, Tenn. 6-3t

CORNISH

Champion Dark Cornish. Seven grand pens. Morris & Rearick, Eaton, Ind. 3-4t

SILVER SPANGLED HAMBURGS.

For reduced prices on eggs and stock see Lombardy Heights Poultry Farm ad on page 259, this issue. 5-2t

LANGSHANS

Black Langshans—Vitality; Individual Strain. Superior winners; 263-egg record. Pen in National Contest. Stock and eggs for sale. Transportation prepaid. Correspondence solicited. J. R. Brown, Bramwell, W. Va. 3-4t

LAKENVELDERS.

For reduced prices on eggs and stock see Lombardy Heights Poultry Farm ad on page 259, this issue. 5-2t

LEGHORNS

For reduced prices on eggs and stock see Lombardy Heights Poultry Farm ad on page 259, this issue. 5-2t

Baby Chicks, Hatching Eggs, any num- ber. Wyckoff S. C. White Leghorns. Stock stands first in great laying contest. Very low prices for such quality. Choice breeding stock, any number. Twenty-five years in this business. Circulars, full information. C. N. Reynolds, Canton, Pa. 3-4t

S. C. White Leghorns, Exclusive (Wyck- off Strain direct). Some very fine stock at \$1.00 each. Eggs that will hatch at special prices. Write me. Mrs. Harry Covington, Guthrie, Ky., R. No. 5. 3-4t

Eggs from prize winning S. C. White Leghorns \$1.25 per setting. Oakdale Poultry Farm, Calvert City, Ky. 5-3t

Trap-nested S. C. W. Leghorns only. A few settings from my best pens of pedigreed stock. Pedigree with each setting. \$2.50, \$3.50 and \$5.00 per setting of 15. Dr. Henry P. Fahrney, Frederick, Md. 3-4t

For Sale—100 or more or less, year- ling laying White Leghorn hens at \$1.00 each. N. L. Willet Seed Co., Augusta, Ga. 4-3t

Single Comb White Leghorns. Young's best blood lines at lower prices than you get them elsewhere. Eggs from choice birds. Send for mating list. Karl Dittmer, Napoleon, Ohio. 3-4t

White Leghorns. Pen in last Storrs' Egg laying contest averaged over 193. Eggs \$8 per 100. Chicks \$15 per 100. Windsweep Farm, Redding Ridge, Conn. 3-4t

Single Comb Brown Leghorns. Why not buy your next year's breeders now at half what you will have to later on this winter. I have some nice early hatched cockerels, pullets and breeders that will improve the quality of your flock. Mrs. Joe Mulligan, Maplewood Farm, St. Josephs, Ky. 6-6t

S. C. W. Leghorns. Large, Vigorous Per- sistent layers. Eggs 7c; chicks 12c. Cunningham Poultry Farm, Lancaster, S. C. 3-4t

Large size S. C. W. Leghorns; 4 to 6 pounds breeders. San Tray hatched chicks \$15 per hundred. Hatching eggs \$7 per hundred. Safe delivery and satisfaction guaranteed. The Quality Egg Farm, Chelsea, Mich. 3-4t

MINORCAS

Buff Minorcas. Eggs balance of season half price. Now \$2.00 and \$1.50 per 15 for pen 1 and 2. Mrs. Sarah Gray, Lebanon, Tenn. 6-1t

ORPINGTONS

Cozy Nook Orpingtons—Buff and White. Eggs and stock remainder of season half price. Dr. C. L. Gray, Lebanon, Tenn. 6-1t

For reduced prices on eggs and stock see Lombardy Heights Poultry Farm ad on page 259, this issue. 5-2t

PLYMOUTH ROCKS

Stock. Young and Old, of Barred Rock, Buff, White and Partridge Plymouth Rock varieties. Best strains. Eggs and baby chicks. Mrs. Allen M. Dorris, Hendersonville, Tenn. 10-8t

White Plymouth Rock Eggs—Fishel Strain. \$1.50 per 15, delivered. J. A. Niemyer, Hamlet, N. C. 4-4t

White Plymouth Rock Eggs—Fishel Strain. \$1.50 per 15, delivered. J. A. Niemyer, Hamlet, N. C. 4-4t

For reduced prices on eggs and stock see Lombardy Heights Poultry Farm ad on page 259, this issue. 5-2t

RHODE ISLAND REDS

Bean's Rose Comb Reds. Eggs 10, chicks 15 cents. Rosecomb Farm, R. No. 2, Milford, Ill. 5-4t

WYANDOTTES

Purebred Silver Laced Wyandotte Eggs that will hatch Wyandottes. Photographs on request. No stock for sale. Eggs \$1.50 for 15. Satisfaction guaranteed. A. H. Harrell, Hickory, Ky., R. No. 2. 3-5t

White Wyandottes. Line bred for gen- eration from Boston, Chicago, Indianapolis winners. Three pens mated. Headed by Stish-Model, Grand Master, King George 2d. Mating list free. Eggs, stock. Mrs. Sabe Gary, Mayfield, Ky. 3-5t

Champion White Wyandottes—Eggs and stock reasonable. Write for prices. Frank Hamrick, Shelby, N. C. 6-6t

Silver Wyandottes, White Faced Black Spanish, 15 eggs \$1.00 prepaid. Satisfaction guaranteed. J. W. Shelton, Larkinsville, Ala. 5-3t

Golden Wyandottes. Eggs \$2.00 per 15. Winners at Houston and Austin, Tex., show, 1915. C. P. Chreitzberg, Georgetown, Tex. 5-1t

Champion White Wyandottes—Eggs from excellent birds \$2.00 set, postpaid. Utility \$1.00 set, collect. Write for catalogue of Champion matings. Frank Hamrick, Shelby, N. C. 4-2t

PIGEONS

I offer guaranteed mated Homers in any quantity at \$1 pair, and challenge squab companies or dealers to produce better stock at twice this price. Beautiful White Homers, \$1.50 pair. Get my prices on Runts, Carneaux, Maltese Hens and save dollars. Charles O. Gilbert, 346 North American street, Philadelphia, Pa. 4-4t

\$-3-\$ in Pigeons! Start raising squabs for market or breeding purposes. Make big profits with our Jumbo pigeons. We teach you. Large, free, illustrated instructive circulars. Providence Squab Co., Providence, R. I. 3-3t

TURKEYS

Wild turkeys are hardy as an oak. Half-wild eggs (from pure wild mountain tom and Bronze hens), \$6.00 dozen. Three-fourths wild \$10.00. J. H. Vaughn, State College, N. M. 5-2t

MISCELLANEOUS.

Fairmont Poultry Yards. Buff Rocks and S. C. Rhode Island Reds. Some fine cockerels for sale. Price right. Eggs \$1.00 per 15. Satisfaction guaranteed. Rev. William Moon, Fairmount, Ind. 2-5t

Three Chicken Gape Worm Extractors for 25c. Unequaled. W. T. Hallowell, 3728 Percy street, Philadelphia, Penn. 4-4t

Buy of us all your varied necessities in the poultry industry and poultry remedies, also your dairy necessities, also your field seeds, your forage seeds, grass seeds and all your garden seeds. Get Willet's 100-page Encyclopedia Seed Catalogue free. N. L. Willet Seed Co., Augusta, Ga. 4-4t

Murray's Sorehead Remedy. Sure cure for sorehead or chickenpox. Try one jar and be convinced. Sizes 25c and 50c postpaid. Agents wanted. Prepared only by Jno. G. Murray, Jr., Edisto Island, S. C. 5-3t

A Gape Remedy that Cures Gapes, or money back, 25c. Agents wanted. Booklet free. Write W. H. Doran, Brandenburg, Ky. 1-12

Poultrymen's Printing Prepaid. Note- heads, envelopes, cards, tags, labels, 100 either, 50c; 250, 85c; 500, \$1.25; 1,000, \$2.25. Circulars, linen-finish letterheads—everything. 125 noteheads, 125 envelopes, \$1.00 prepaid. Stamp brings samples. Model Printing Co., Manchester, Iowa. 6-6t

For Sale or Trade—Good paying bakery business in town of 4,000. Also income business property. Want small farm near good market, school and church, suitable for hog and poultry raising. Address Box 287, Alice, Texas. 5-1t

Kills Lice and Mites. I make a chicken powder that I have used eight years with good success. Kills lice and mites instantly. Good for little chicks and setting hens. Harmless to eggs. Costs about eight cents a pound to make. Receipt 25 cents silver. Guaranteed or money refunded. Mrs. Edna Crowl, Lane, Kans., R. No. 1. 5-3t



GET OUR PRICES

WE CAN SAVE YOU MONEY

Our stocks are suited to your requirements. We can furnish anything in the feed line at the lowest prices. Try us on

Scratch	Feed Meal	Meat Scraps
Egg Mash	Wheat	Shorts
Grit	Corn, Oats	Cow Feed
Chick Feed	Bran	Horse Feed
Blood Meal	Mill Feed	Mule Feed

ITTER-HENNINGS COMPANY

14th and Main Sts. Inc. LOUISVILLE, KY.

ANCONAS

Several hundred head large vigorous ANCONA HENS AND LAYING PULLETS from heavy laying trap-nested pens. Hatching eggs and twelve weeks old pullets and cockerels. Cockerels and pullets from individual matings. Records as high as 243 eggs (official).

Cocoa S. F. Travis, Jr. Florida

BARGAIN SALE

S. C. Brown Leghorn hens and pullets. Prize-winning, winter-laying strain; begin laying at 6 months and keep it up. S. C. Brown and White Leghorn cockerels, whose daughters will equal their mothers and sisters. R. C. Rhode Island White cockerels; well known Excelsior Strain; won 1st, 3d on 4 entries at Canton, Dec. 28, 1915. Combine rapid development and heavy egg production with size and quality. Prices reasonable.

MRS. S. G. TILTON, Eagle Station, Ky.

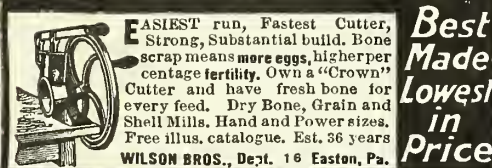
For the Next Thirty Days

we will furnish you settings of eggs, 15 each of seven breeds, namely: Regal Plymouth Barred Rocks, Regal White Leghorns, Regal White Wyandottes. We will deliver Parcel Post, insured, guaranteed fertile every egg for the price, \$1.65. Let your orders come.

CORNELL COMPANY,

Great Barrington Massachusetts

Crown Bone Cutter



EASIEST run, Fastest Cutter, Strong, Substantial build. Bone scrap means more eggs, higher percentage fertility. Own a "Crown" Cutter and have fresh bone for every feed. Dry Bone, Grain and Shell Mills. Hand and Power sizes. Free illus. catalogue. Est. 36 years WILSON BROS., Dept. 16 Easton, Pa.

Best Made-Lowest in Price

S. C. BUFF LEGHORNS

The GREAT WINTER LAYERS
SEND FOR FREE MATING LIST

W. L. WILLIAMS, Jr. Box 15, Frankfort, Ky.

Flanigan's Dark Cornish

J. R. Flanigan's Lined American Bred Dark Cornish and Silver Campines. No utility stock bred for sale. Show birds, fancy breeders and eggs for hatching a specialty. Prices reasonable. Satisfaction guaranteed or money refunded. Nice lot of fancy stock now ready for sale.

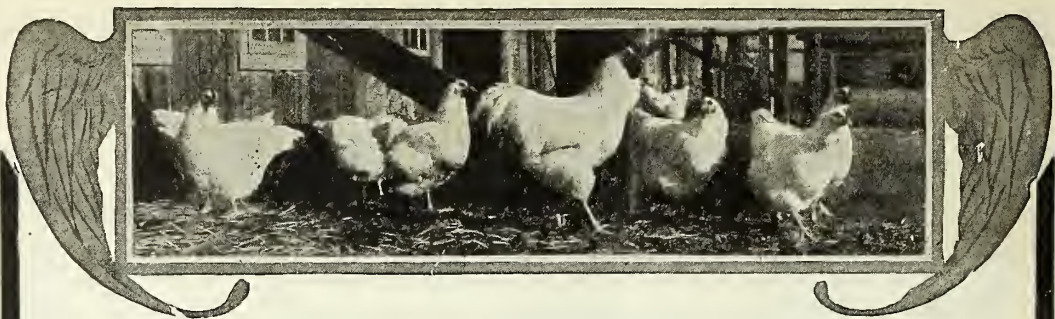
STANDARD POULTRY YARDS
ROUTE No. 4 MACON, GEORGIA

LEG BANDS

COLORED SPIRAL BANDS—The best, 100 for 75 cents. Special offer order from this advertisement, and receive 10 per cent bonus. **NO MORE LICE**—Used once a year only. Will positively keep your roosts free of mites and lice, without spraying. 50 cents postpaid. **LICE SALVE** keeps hens free of body lice for half a year on one application. 50 cents. Satisfaction guaranteed or money back.

PERFECT POULTRY SUPPLY CO.

Lynbrook, Box No. 5465 New York



Big Profits and Pleasure in Raising Fine Poultry

WE START YOU FREE

During the past year, hundreds of our friends have taken advantage of our splendid and liberal offers and have secured pure bred poultry and eggs absolutely free by spending a few hours of their spare time among their friends and neighbors taking subscriptions to the **INDUSTRIOUS HEN**. The work has been easy for them as they find it easy to get their friends to subscribe for the **INDUSTRIOUS HEN**, and many will consider it a favor, as they want to read a good southern paper. Read what these people have done. You can get the same free start and build up a paying and profitable business. Don't delay—but start now.

SOME OF OUR PLEASED PATRONS

Russell Springs, Ky., February 6, 1916.
Louisville, Ky.

BLAIR YOUNG PUBLISHING CO.,

Gentlemen: I received as my premium one pair of Anconas, for making up a list of 12 yearly subscriptions, yesterday. Am well pleased with them. Wishing the **Industrious Hen** much success, I remain,

Yours truly,

W. C. COMBEST.

Ensley, Ala., January 24, 1916.

Louisville, Ky.

THE **INDUSTRIOUS HEN**,

Dear Sirs: Am dropping you a few lines in regard to the pair of S. C. Black Minorcas received last week from Harley L. Williams, of Moultrie, Ga. They arrived O. K. Must say I am very much pleased with them and also to say I enjoy the **Industrious Hen**. I am,

Yours very truly,

2300 Pike Avenue.

O. A. FINLEY.

Etowah, Tenn., Jan. 15, 1916.

Louisville, Ky.

INDUSTRIOUS HEN,

Dear Sirs: Received the pair of White Orpingtons from Mrs. Kenney, Wednesday night, the 12th, and am highly pleased with same. Thanking you very much for securing these birds, I beg to remain,

Yours very truly,

BEN H. MCGHEE.

Roanoke, Va., Nov. 20, 1915.

Louisville, Ky.

THE **INDUSTRIOUS HEN**,

Gentlemen: I received yesterday from the Catalpas Poultry Yards, Dry Ridge, Ky., the pair of Barred Rocks which you so kindly gave me for soliciting subscriptions for you. The birds are even finer than I expected to get, which goes without saying that I am more than pleased with them. I am not much of a judge of chickens, having just started to raise a few, but as far as I know, I think the pullet bred line that were sent me will give entire satisfaction. Thanking you and Mr. Steers for the favor and general promptness from both of you. I am sure that the birds sent are of the finest stock.

Very truly yours,

H. E. MURRAY.

Winchester, Tenn., R. No. 6, Oct. 29, 1915.

Louisville, Ky.

THE **INDUSTRIOUS HEN**,

Dear Sirs: The pair of S. C. Rhode Island Reds reached me on the 19th all O. K. Am well pleased with them. Thanking you very much for securing such a good pair of birds, I am,

Yours truly,

MRS. C. D. GRAY.

St. Elmo, Tenn., Nov. 2, 1915.

Louisville, Ky.

THE **INDUSTRIOUS HEN**,

Dear Sirs: I thank you for the Ancona cockerel received on last Friday, and wish to say that he is very satisfactory.

Sincerely,

JNO. HARTLEY.

FREE EGGS! FREE BIRDS!

We will give you a pair, trio, pen or eggs for hatching, absolutely free. The stock to be selected by us from any breeder's yards who advertises in the columns of the **INDUSTRIOUS HEN**. You have choice of any variety. We want you to get your neighbors to subscribe for the **INDUSTRIOUS HEN**. Show them a copy of the paper and they will gladly subscribe and will thank you for suggesting it to them.

OFFER—Eight yearly subscriptions—One Setting of eggs (15). Twelve yearly subscriptions—One Male and Female (pair). Twenty yearly subscriptions—One Male and Two Females (trio). Thirty yearly subscriptions—One Male and Four Females (pen).

WRITE US FOR SAMPLE COPIES AND PARTICULARS RIGHT NOW AND BE THE FIRST IN YOUR NEIGHBORHOOD TO GET SOME PURE BRED BIRDS. The work is easy and you can get into a paying and profitable business and grow year after year.

The Industrious Hen

912-913 REPUBLIC BLDG. LOUISVILLE, KY.



THE INDUSTRIOUS HEN

VOL. XII.

LOUISVILLE, KY., JUNE, 1916

(Whole No. 135)

No. 12

PUBLICITY AN IMPORTANT FACTOR IN BUILDING UP A SUCCESSFUL BUSINESS.

Every Poultry Breeder Who Expects to be Successful Must Advertise. Let Your Appropriation be Governed by the Amount of Stock and Eggs You Have for Sale.

**Breeders Who Advertise Every Month in the Year
are the Most Successful.**

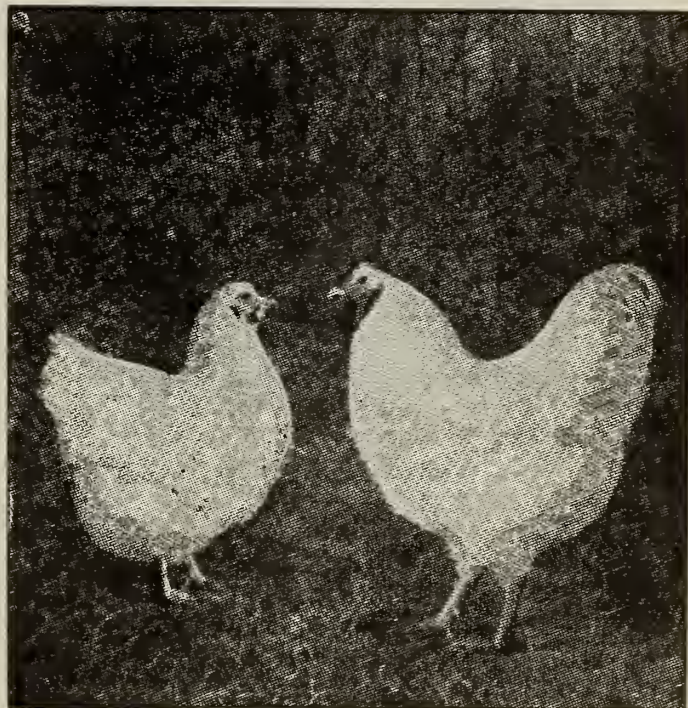
By E. H. HOFFMAN.

DID you ever stop to think what has been accomplished by the liberal use of printer's ink? Many of the largest business concerns in the country have been built up from small concerns to mammoth enterprises, principally through judicious advertising. Hardly a business of any size pretends to exist without some form of publicity, which is one of the essential factors toward reaching a successful end. Some of the largest manufacturing concerns in the country began in a small way and gradually enlarged their plants by advertising their goods and continually keeping their names before the public. Take for instance some of the automobiles and baking powders and other articles too numerous to mention that have become household words simply by the use of printer's ink. If advertising has increased the business along these lines, it does the same to upbuild the business of the poultry breeder who is producing exceptionally good birds.

A poultry fancier does not necessarily have to be a large breeder in order to advertise. In fact, every breeder who has ever worked himself up to become a large dealer had to start on a small scale and it was through advertising that he increased his business. I venture to say that not one of the large poultry breeders, who do thousands of dollars worth of business each year would ever have attained his business had he not been a liberal user of advertising space and kept his name constantly before the public. He must have started while still a small breeder or he never would have gotten a start. The great trouble with many of the smaller fanciers is that they do not want to let go of their money, believing that what they spend for advertising is thrown away. It is not necessary to carry a large space to start with, but it is necessary to keep your name before the public, together with the breed or variety of poultry that you breed and finally the two will be so connected that when one is mentioned it will suggest the other. Take for instance, John Jones, who has been advertising Barred Plymouth Rocks for many years and who has continually carried advertising space in the poultry journals. The minute some one mentions the name of John Jones, it immediately suggests Barred Plymouth Rocks, because the two have been seen together so often. In this connection I can speak from experience. Years ago, a certain breeder of Brown Leghorns was a continuous advertiser, and while I had no idea, at the time I noticed his advertisements, of purchasing any of his variety, I always thought of him when I heard Brown Leghorns mentioned. Finally I became interested in Brown Leghorns and decided to purchase some stock. The very first person I wrote to was this particular advertiser and he received my order. This only goes to show that advertising does not always produce immediate results, but sooner or later it bears fruit. Too many breeders starting to advertise expect too much in the beginning. They place an advertisement in a poultry journal and before the edition has had time to be circulated

and read, they expect to receive orders. This is a mistake, because the readers of a paper desire to become acquainted with the advertisers, in a way at least, before they place their orders.

Many mistakes are also made by breeders in the selection of their advertising mediums. They patronize a paper with only a limited circulation because they get a cheap rate, failing to realize that the price of space is gauged by the number of subscribers whom they are to reach.

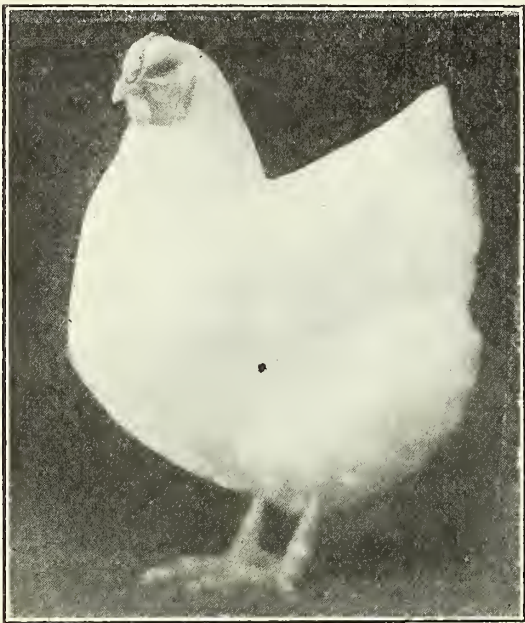


Pair of White Wyandottes bred and owned by Mrs. Sabe Gary, Mayfield, Ky.

Cheap advertising is of little value. After selecting the proper medium, it is important that the advertisement should be well written so it will attract the attention of the intended purchaser. Never use too much matter, but rather less words, with the important facts displayed in larger type. In case a special offer is made on eggs or on stock, it is well to give the price in the advertisement. Such advertisements often bring orders without previous correspondence. Sales are not always made through the advertising, but the manner in which the inquiries are answered plays an important part in bringing about a sale. All the advertising does is to bring the seller in communication with the buyer. The former, after he receives a letter asking for prices on stock or eggs, must so word his letter as to appeal to the intending purchaser. A thorough description should be given of the birds offered

for sale and every question asked should be answered. Many a sale is lost because the purchaser does not fully understand just what kind of birds are offered him. It is not the fault of the poultry journal carrying the advertisement when a sale is not made after an inquiry. The journal has done its part when it brought the intended purchaser in touch with the advertiser. That is where the responsibility of the journal ends.

In conclusion I will say that every poultry fancier, whether large or small, should carry as much advertising space as he can afford, answer all correspondence promptly, give full value for money received, and he is sure to build up a successful business.



White Wyandotte Hen, winner of First at Charlotte, N. C., and First at Spartanburg, S. C., 1915. Owned and bred Frank Hamrick, Shelby, N. C.

SOME PRACTICAL EXPERIENCE WITH WHITE WYANDOTTES.

A Comparison of the Present Type Bird with Those of Twenty Years Ago.—Suggestions on How to Start in the Poultry Business Today for Either Profit or Pleasure.—Selecting the Breed, etc.

By MRS. THOMAS HAYDEN, Owensboro, Ky.

THE White Wyandotte fowl is worthy of the most careful treatment at the hands of a ready writer, backed by intelligent experience. White Wyandottes are now the most popular of all the Wyandotte family, and the leaders in point of numbers in nearly all show rooms in the larger and most important exhibitions was admitted to the Standard in 1888. Much improvement has been made the last few years in type, color and points. I can look back at some of the photographs made only a few years ago and today in type they would not be considered fair specimens. The competition is getting keener every year and we have to watch our matings and strive to build up to produce birds that will keep pace with the age.

In my opinion shape is the most important point to consider in a White Wyandotte. They should not be too short nor too long, but just the happy medium. Red, buff or black in the plumage of White Wyandottes is a defect to be seriously considered by breeders. We should try to breed them clean of this, and we can if we breed from clean birds. But again here we are, if we have a bird that is good in shape and other points are we not going to discard this bird for a little trickery, but a bird showing any of this must be severely punished by the judge.

In head points and combs we are making great improvements. Now we do not see the large, beefy, pebbled combs as formerly, but the small, smooth comb fitting closely to the head and following it in shape. Very seldom do we see a White Wyandotte without a red or bay eye and good, stout, yellow legs set apart. These are features of our Whites today.

It is safe to say that a person engages in poultry raising for pleasure or profit. Whether breeding for eggs, meat, feathers or a combined exhibition egg type, it is altogether necessary to secure vigorous stock for the founda-

tion. Probably the cheapest way to do this is by securing eggs from a reliable breeder. Personal experience, however, persuaded me to recommend that trio or pen be purchased and then as the flock grows experience augmented proportionately.

Select a breed that is popular so that no artificial demands need to be fostered. In fairness to other breeders I would not say that the White Wyandotte is the only chicken that will stand up under comparative tests through a reasonable period of time, but I must say after raising practically every class, I find the White Wyandottes my ideal chicken. This statement challenges more than the statement that the White Wyandottes are decidedly popular. I breed them for numerous reasons to which I invite your attention: Here I have a medium weight chicken of excellent quality for table use, from a juicy two-pound broiler to a matured bird. After hens have served their usefulness as layers they can readily be fattened and their weight commands ready sale at satisfactory market prices. The youngsters mature early and will lay at six months old. If you want robust birds and strong chicks, don't force the egg yield. Rose combs and loose plumage aid the White Wyandotte to resist the cold of severe winter weather, and are features that make for winter egg production. The egg type breeder appreciate these qualities. Besides being a good winter layer we have found this bird to be a persistent layer. Indisputable evidence in a few of the late egg-laying contests puts the White Wyandotte fowl in the foremost rank as an egg yielder.

Let me refer you to the late North American contest in which Tom Barron's White Wyandottes were the winners over all competitors, irrespective of classes entered. The White Wyandotte is tame, consumes a medium quality of food and stands confinement well, adjusting itself readily to range when permitted to forage. High fences are unnecessary. The females are good brooders and excellent mothers. They can be easily broken of the hatching fever when undesirable.

APRIL REPORT OF NATIONAL EGG LAYING CONTEST AT MOUNTAIN GROVE, MO.

The Work of a Poultry Experiment Station.—Highest Record Ever Made in First Half of Contest.—Cycles of High Producing Hens.—White Plymouth Rocks Lead for Six Months.—Leghorns Lead for April.



WHAT is the work of a poultry experiment station? This question is often asked by people who visit this station. This would lead one to believe that because of a lack of knowledge concerning the work done, the people do not get the full benefit of the experiment station. To give it in as few words as possible, we might say the work of a poultry experiment station is to find out the things we don't know about poultry, then give this information to the public through the press, in bulletins, in lectures, correspondence, etc.

Is there any question concerning poultry you want to know? Is there any experiment you would like to see tried? If so, you should write it out and send it to an experiment station where the officials in charge will be glad to conduct the experiment or secure the information of whatever nature it may be, and report the same to you. Where people make use of experiment stations properly, they are of immense value as well as a point of economy to the entire State. To illustrate, if 5,000 people wanted to know the results of some one experiment, it is more economical to support an experiment station to conduct the experiment than for each of the 5,000 people to conduct the experiments separately, for that would mean 5,000 experiments tried. Then, too, the men in charge of these experiments at experiment stations devote their entire time to the experiments while others have other duties to perform which often makes a difference in the results observed.

The cost of the many experiments with poultry is therefore much less if conducted by an experiment station than by the people. Missouri is perhaps as generous as any State in the support of its poultry experiment station, yet one egg per year at market price for each person in Missouri will more than support the institution, and every one is cordially invited to send his problems to be worked out, whether he is a producer or consumer. It is not necessary that it be a deep problem with a big name, for some little problems are just as interesting and instructive. An example of a simple problem is "how to boil an egg so it

will peel smoothly." It has been found by experimental work that the age of the egg is the principal factor which determines whether the white sticks to the shell or not, for if the egg is less than two days old, the shell does not come off satisfactorily, while an egg three or more days old, the shell comes off easily. Taking the eggs out into cold water perhaps assists some.

There are many experiments in progress at all times at this experiment station, the one which is perhaps best known is the egg laying contest from which many observations are made. This test begins November first of each year and continues for one year. Other experiments such as breeding, etc., continue for a number of years, while many experiments are determined in a few days or weeks, all tests being tried in season as near as possible; i. e., incubation and brooding tests are made in the spring, moulting tests in the fall, while other tests are made any time.

The first six months of the fifth National Egg Laying Contest closed April 30. The weather remaining cool, not as large a number of hens went broody as was expected, therefore the egg record for April was higher than for the same month in either of the previous contests.

The high water mark in egg production has been reached during either March or April in all contests held here at this station, and during both March and April this year the records have surpassed all previous records. The records for the first six months of each contest are as follows, each hen's average for the six months beginning November first each year: First contest, 63 eggs; second contest, 68 eggs; third contest, 76 eggs; fourth contest, 76; fifth contest, 81 eggs.

The following cycles were made by the highest producers in each of the contests: First contest, 82 eggs; second contest, 10; third contest, 32; fourth contest, 28, and in the present contest one hen has laid 55 eggs without missing a day, while the hen which is in the lead lays from six to 14 eggs to the cycle.

The pens making the ten highest records for six months are distributed among the many breeds and varieties. One point worthy of note is that seven of the ten highest pens belong to what is commonly termed the "all purpose class," there being two Rocks, two Reds, two Wyandottes and one Orpington, the other three being Leghorns. This is a fine showing for the medium weight birds, as the six months covers the winter season when eggs are high, and also the principal part of the breeding season. The pens making the ten highest records for six months are as follows:

Pen.	Eggs.
75. White Rocks, Washington	624
59. Rose Comb Rhode Island Reds, Missouri	615
69. Barred Rocks, Missouri	591
82. Black Orpingtons, Indiana	585
25. Single Comb White Leghorns, Washington	576
49. White Wyandottes, Michigan	556
56. Single Comb Reds, Iowa	556
50. White Wyandottes, Missouri	540
11. Single Comb White Leghorns, Kansas	530
17. Single Comb White Leghorns, Texas	530

Five of the six pens making the highest record for April are Leghorns. Pens making the five highest records for April are as follows:

Pen.	Eggs.
38. Single Comb White Leghorns, Missouri	132
18. Single Comb White Leghorns, Kentucky	131
25. Single Comb White Leghorns, Washington	130
27. Single Comb White Leghorns, Missouri	127
16. Single Comb White Leghorns, Louisiana	(tie) 125
71. Barred Plymouth Rocks, Missouri	(tie) 125

The hens making the five highest records to date are as follows:

Hen. Pen.	Eggs.
4. 75. White Rock, Washington	145
3. 25. Single Comb White Leghorn, Washington ...	139
1. 75. White Rock, Washington	137
5. 59. Rose Comb Rhode Island Red, Missouri	135
5. 6. Single Comb White Leghorn, New Jersey (tie)	132
2. 82. Black Orpington, Indiana	(tie) 132

Pen 38, Single Comb White Leghorns, Missouri, won the cup for April, laying 132 eggs. The total number of eggs laid was 10,439.

I hereby certify that the above is a correct report of the Missouri National Egg Laying Contest for the month of April, 1916.

C. T. PATTERSON, Director,
Missouri State Poultry Experiment Station,
Mountain Grove, Mo.

HOW TO TREAT RHEUMATISM IN YOUNG TURKEYS.

Do Not Allow the Young Birds to Roost in Damp Quarters or Roam Over the Fields While the Dew is on as Rheumatism is Caused by Dampness.—Swollen Joints is a True Symptom of Rheumatism in Turkeys and Chickens.

By J. C. CLIPP, Saultillo, Ind.



NO DOUBT the damp weather is having something to do with the condition of young turkeys over the country. I have a letter before me from Kansas, one from Missouri and one from Ohio, giving about the same symptoms. When young turkeys come up at night with swollen joints and in a distressing condition, as if they had been run for hours by a dog or some wild animal, you can count on such conditions as being rheumatism. I am quite confident the trouble is due to dampness. The weather for the past month has been quite wet throughout the country and where poults were allowed to range early and late and possibly roost out in some wet low marsh lands they have contracted rheumatism. The best remedy I know of for turkeys that have contracted local rheumatism is a preparation of elder bark. Scrape off the outside skin, cut in small pieces and place in pure apple vinegar. Remember, the stronger this preparation is the better, hence do not be stingy with your bark.

The best way to prepare the medicine is to fill your fruit jar or any other convenient utensil you may have with the bark, crowding in as much bark as possible. To

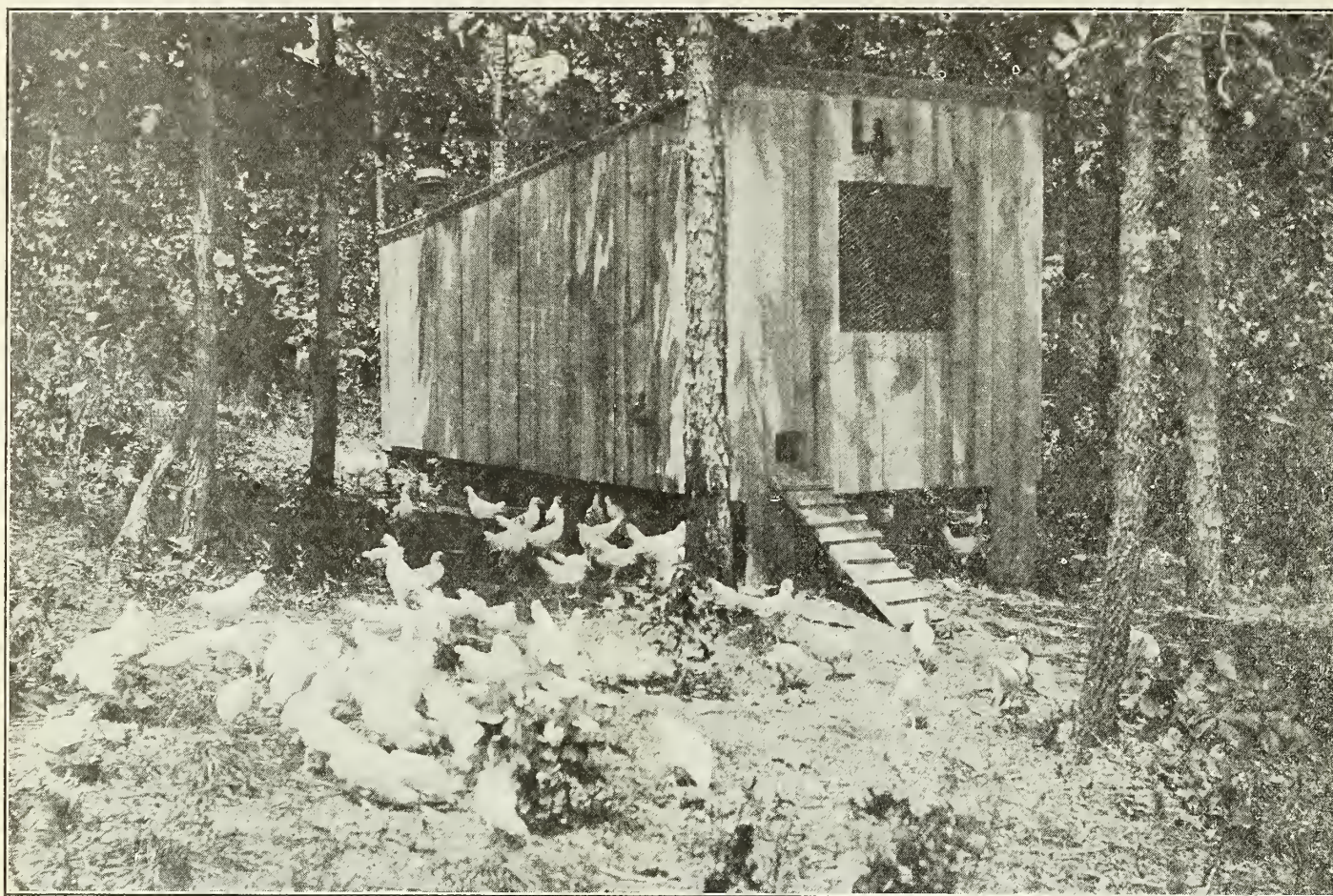


First Prize White Wyandotte Cockerel, Charlotte, N. C., 1915. Owned and bred by Frank Hamrick, Shelby, N. C.

this add a lump of alum as large as a black walnut, together with a lump of copperas of about the same size. After this liquid has soaked the bark and drugs for twenty-four hours, place just enough of the liquid in the drinking water to make it taste quite strong of the acid, but not enough to make it unpleasant by any means, but just so the fowls will drink it. You can test the strength by tasting the liquid yourself. Do not allow the poults any other water and compel them to roost in dry warm quarters. The treatment will be worthless if you continue to allow the poults to drag around in the wet cold morning dews or to become drenched in a cold fall rain. In fact, do not allow any exposure to overtake any poults that show any signs of swollen joints. This treatment is a sure cure for rheumatism in fowls if they are properly cared for, but if the poults are allowed to exposures the effects from that would overbalance all the medicine you could give them. If you have a good penetrating hot liniment to anoint the swollen joints, you will find the soreness will leave the joints much quicker than they would with just a constitutional treatment.

After the fowls have drunk of the elder bark preparation for a few days, change the drinking water to tincture of iodine in the water, only a very small amount being used—two drops to a quart is sufficient.

Rheumatism, you will remember, soon becomes a blood disease, and frequently is inherited; hence as soon as it



Flock of S. C. White Leghorns on White Hill Poultry Farm, A. J. Lawson. Prop., Cleveland, Tenn.

becomes a blood disease or is known to have originated from the parent stock you had just as well kill and burn the afflicted fowls for all the treatments on earth recommended will not effect a cure or even be of any benefit. If there is anything on earth that is a genuine nuisance it is treating fowls for any trouble. The disease must be one that I am sure I can benefit and the fowls must be valuable or I will not attempt a treatment. But when the disease is local and I have a positive cure I will apply the remedy, but in stubborn cases it is best to kill and burn, as a fowl suffering with almost any chronic trouble is seldom of any value if relieved or supposedly cured. There are but very few fowls permanently cured from chronic fowl troubles.

If the lady who wrote us recently, stating her turkeys were affected with worms will give a tablespoonful of turpentine in a gallon of water she will soon see quite an improvement in her turkeys. One lady wrote me not long ago, stating she noticed the dropping from her turkeys were simply working with small pin-like worms. This, however, is very common, but not desirable. Fowls thus affected for any length of time will soon become low in vitality and great mortalities are sure to be the results. If your fowls have free access to a natural supply of water I would use the turpentine treatment in a quart of food. After you have given the turpentine treatment for a few days, using either method, then following up with Epsom salts. I give three-fourths tablespoonful in just enough warm water to dissolve the salts and give through a long-necked funnel we have for the purpose. Any tinner will make you one of those funnels for five cents and they are worth dollars to any turkey grower. I have grown turkeys for years and I have never yet seen the time that I could not use one of those funnels some time during the season.

While I do not advocate "doping" the fowls continually, yet we often save a fowl that shows signs of approaching trouble by giving a specific promptly. Worms, you know, when once get started in a flock, there is no end to the troubles they produce. I prefer to eliminate this trouble at once. A simple remedy for turkeys such as I have described I think will cure many times where others fail. Turkeys are very easily grown on grounds that have never become diseased, but if you have ever suffered any serious disease with turkeys on your farm, omit turkey growing for a few years and then you will be able to take it up again. Otherwise your efforts are almost worthless.

TREATING LIMBERNECK.

Be on a Constant Lookout for This Trouble During the Summer Months, Because at This Season of the Year It is More Likely to Appear.—Some Valuable Suggestions on Handling This Trouble.

By MRS. J. C. SCHOFNER.

LIMBERNECK is a disease caused by dead carcasses of some kind lying in reach of poultry until the matter becomes putrid. Usually flies lay eggs in these carcasses and in a few days maggots are seen in abundance. Fowls of any kind—turkeys, chickens, ducks or geese—will devour these things until they can eat no more. This matter eaten off of this putrid flesh will cause limberneck, but it is not the maggot that gives limberneck, but it is where it comes from. I have known chickens to eat these little worms hatched out in other beds, such as sprouted oats in hotbeds or anything else but dead flesh, and it does not hurt them. In fact, I have known fowls to have limberneck and not eat any maggots at all, and sometimes a very little of this dead flesh, but that little was enough to cause ptomaine poisoning and that poison affects the nervous system. The brain being the nerve center, the fowl has no control of the muscles of neck or head. This ptomaine poisoning with fowls is like it is with everything else of the animal creation. When they are disturbed they become rigid and quiver with nervousness, and should be kept very quiet in a shady, dark place.

In from twelve to twenty-four hours after eating this matter, they seem to be very hungry and run over food, pecking at random, eyes half closed and seem not to see just under them. If taken up then and treated, there is little danger of losing any, but in another twelve hours they take on this extreme nervousness and get down with head lying on the ground and have no strength to raise it, sometimes lying in this condition for several days.

There are several remedies that will cure if taken in time, but if allowed to get into the worst form sometimes any remedy will fail. When taken in first stage of disease, just make a mash of some sort with turpentine enough to smell pretty strong will cure them, or another remedy at this stage is a mash with sorghum or honey in it. But in the real bad cases I use a half teaspoonful of strong tobacco juice to a grown chicken, or one teaspoonful to an adult turkey, once a day for two or three days. Be sure to raise the head high enough to allow liquid to get down in crop and it is best to prop the head up and not allow this tobacco juice to run back in mouth and get over windpipe and strangle the fowl. Any kind of food or fluid may strangle them to death if allowed to run back over the windpipe.

There are several other remedies that I have tried. Sorghum and lard, a tablespoonful of each poured down an adult bird or honey instead of sorghum. Asafetida pills the size of a bean, three times daily, are excellent. In fact, any of these remedies will cure if properly cared for.

Some people think that limberneck is contagious, but that is a mistake. It is all caused from eating putrid flesh of some kind, but sometimes it may be a tiny mouse or snake found by one chicken or turkey, having died in a secluded place under floor or in high weeds where a person is not likely to go, but a turkey or chicken goes everywhere and finds everything. One chicken may die from eating some small bit of decayed matter and possibly twenty-five others may get to it and get just enough to poison them. They then get scattered all over the place, dying here and there before they can be found. When it gets that bad one should catch every chicken on the place and pen them and see that they stay away from dead car-



A Prize Winning Rhode Island White, bred and Owned by Mrs. C. M. Vertrees, Cecilia, Ky.



A Money Making Flock of Indian Runner Ducks.

casses until all of this outside matter has decayed and gone. In this way great destruction can be prevented and better attention given the well ones or those slightly affected.

VALUE OF SOUR MILK FOR FEEDING LITTLE CHICKS.

Every Poultry Raiser and Farmer Who has a Supply of Milk Should Certainly Take Advantage of It and Feed It to Their Little Chicks—Its Actual Food Value for Growing Chicks is Unexcelled.

By ROY JONES.

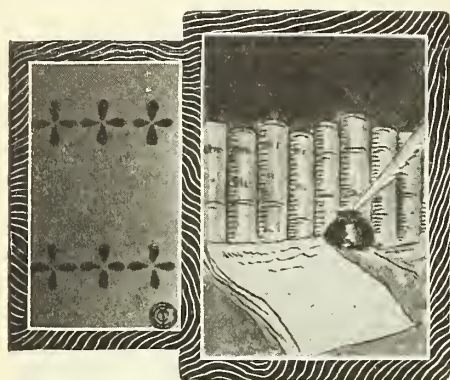
THE value of sour milk for feeding little chicks seems to come from the actual food value in the milk rather than from the development of acid in souring as has been very commonly supposed. This evidence is quite plainly brought out by the following experiments: To prove the value of acid, experiments were conducted to compare sour milk containing one per cent acid. Bulgaricus milk con-

taining one to two per cent acid and sweet milk containing no acid, all of these were conducted with check lots getting no milk. In all experiments records were kept showing mortality and gain of chicks, grain consumed and milk consumed. The chicks and grain were weighed each week. The milk was weighed out and what remained weighed back twice or three times each day. The results were not in accordance with the claims made for the Bulgaricus milk of high acid content. In fact it made little difference whether the milk was allowed to develop two per cent acid or fed when it contained half that amount. In comparison with ordinary sour milk, the chickens did not seem to like it as well, ate less and made smaller gains per pound of milk consumed. Sweet milk gave slightly better results than Bulgaricus milk but not equal to ordinary sour milk.

In figuring the money value of sour milk for chickens, we have taken our estimates from the difference in growth between those having sour milk and those having no milk. The figures are taken from eight different experiments conducted over a period of two years, including chickens from three different breeds. It was very evident from our observation that milk was worth more the first few days than later on in the life of a chicken, consequently values were worked out by weeks.

In converting the milk consumed to a money value, the grain eaten by each lot was figured at $2\frac{1}{2}$ cents per pound and the extra gains made by the sour milk pens were credited to the sour milk in terms of money value based on the cost of grain that would have been consumed to produce the same gains without milk. The method of figuring gives the following results: First week, 4.7 cents per quart; second week, 3.6 cents per quart; third week, 2.5 cents per quart; fourth week, 1.4 cents per quart; fifth week, 2.3 cents per quart; sixth week, 1.5 cents per quart. Average for six weeks 2.5 cents per quart.

It will be noted that the lowest value of milk comes in the fourth week with quite a noticeable increase on the fifth week. This we cannot seem to account for except through the fact that milk does not contain the particular protein which is necessary for feather growth. Aside from the increased growth which sour milk gives a chicken, it has a marked influence on the vigor and vitality of the bird.—Exchange.



EDITORIAL CORRESPONDENCE

We Must Have Co-operation of Every Poultry Raiser in the South.

THE INDUSTRIOUS HEN has been published in the South now over fifteen years and we know that it has done a great work in boosting the industry in this field to what it is today, but it has never had the right support from the Southern breeders taking them as a whole. If it had, the Hen would be a much larger and stronger poultry paper.

It seems that it is hard to convince the Southern breeder of the advantage of carrying summer advertising or in advertising the year around. Right here is where they are making a great mistake and we cite you to the Northern breeder as proof. The Northern breeder uses copy every month in the year even if he used only a very small space. To build up a successful business of any nature, advertising in some form must be used and constant advertising is the profitable way in the end.

At this time every publisher in the country is facing a serious situation; in fact, if the war continues for another twelve months it is possible that we will not be able to secure paper from the mills on which to print our publication. At this writing, paper has advanced until it costs about three times what it did about six months ago. This is why we are asking for co-operation from you at this time. If just one-half of the poultry raisers in the South who advertise in the Hen during the winter months would send us a small advertisement to run during the summer months it would not work such a hardship on us in meeting the extra cost of paper in producing the Industrious Hen each month, and giving it to the South for the good of the industry. There are Southern breeders who are advertising today in the papers far North, who should be advertising in the Hen or some other Southern paper, selling their stock to their own people. As a rule a Northern breeder will not buy in the South, but will get his new blood from some Northern breeder. This is why the Southern breeder is working a hardship on the Southern papers in simply not co-operating with them by giving them their business and helping to build up a home paper covering the Southern field, their native country.

We hope every Southern breeder, large or small, will see and read this and understand what it would mean for the South to have one large poultry paper and to get the right co-operation from every poultry raiser South of the Mason and Dixon line. It would mean at least a fifty per cent

increase in the production of poultry and eggs in the South, more poultry shows, more people interested in purebred poultry, meaning a demand that the Southern breeders could not fill.

The far-sighted poultry breeder can readily see what this would mean to the South. Can we get your co-operation now if you are a breeder and not helping the good cause. Think it over and see what it will mean to you and the South in the future.

American Poultry Association Election Returns.

FOLLOWING are the complete returns of the recent 1916 annual election of the American Poultry Association, as shown by the report of the election commissioner:

President—E. E. Richards, Cedar Rapids, Iowa.

Vice-President—A. A. Peters, Denver, Colo.

Secretary—S. T. Campbell, Mansfield, Ohio.

Members of Executive Board—District No. 2, Mrs. Florence Forbes, New Decatur, Ala.; District No. 5, L. C. Byce, Petaluma, Cal.; District No. 6, John S. Martin, Port Dover, Canada.

Place of Holding Forty-first Annual Meeting—Cleveland, Ohio.

Complete Returns.

President: E. E. Richards, Cedar Rapids, Ia.2,096

Vice-President: A. A. Peters, Denver, Colo.2,055

Secretary: S. T. Campbell, Mansfield, Ohio.2,122

MEMBERS OF EXECUTIVE BOARD.

District No. 2: Mrs. Florence Forbes, New Decatur, Ala.752

Thomas Poole, Atlanta, Ga.620

C. P. Van Winkle596

District No. 5: L. C. Byce, Petaluma, Cal.888

H. H. Collier, Tacoma, Wash.723

J. D. Veach, Hubbard, Mont.373

District No. 6: W. M. Coates, Vancouver, B. C.759

John S. Martin, Port Dover, Can.1,180

Place of Holding 41st Annual Meeting: Cleveland, Ohio.1,102

Detroit, Mich.688

O. L. McCORD,

Election Commissioner.

823-827 Jefferson Bldg., Peoria, Ill.

Great Winning for Kentucky Experiment Station.

AT THE recent Perdue Egg Show the Kentucky Agricultural Experiment Station won a silver cup for the sweepstake eggs in the experiment station class. The sweepstake eggs were brown. The station also won first on white eggs. At this show the competition was strong as every experiment station and college in the United States and Canada was represented. The Perdue Egg Show is the largest of its kind in the country and we certainly feel proud to learn that the Kentucky Agricultural

Experiment Station made such a fine showing. This should be a great advertisement for the Kentucky poultry production and boost the market egg proposition.

The station at Lexington is doing a great work and their results are showing for themselves. The men behind this work are untiring in their efforts to bring Kentucky to the front as a poultry producing State and every one should give them all the assistance possible.

Kentucky State Fair Poultry Show.

THE poultry show at the State Fair this year promises to be the largest and best ever held because the men behind the show are capable of pulling off a great show. A. W. Haller, of Louisville, was appointed superintendent recently, with W. B. Jenkins, of Glendale, Ky., and W. B. Buford, of Nicholasville, Ky., as his assistants. They are experienced poultrymen and better or more capable men could not have been found for the positions they are to fill.

Let us all pull together and make the 1916 poultry show at the fair one of the largest and best ever held. The Kentucky State Fair Poultry Show has always been one of the best shows held in the South and has grown from year to year. With the co-operation of poultry raisers in this State as well as other Southern States we can make the coming show one that will be long remembered by the exhibitors as a show for making sales and building up a show room record. The show will have uniform cooping as in the past and can accommodate at least 3,000 entries. The dates are September 11-16, 1916. Watch for other announcements later.

The great Southeast is fast becoming one of the greatest poultry raising sections of the United States. New poultry plants are springing up all about over the country. The farmers are taking more interest in the work, and when the farmers become interested they will show us something. Watch the Southeast for the next few years and see what we do. We have the climate and everything else necessary to success. Keep your eye on this section.

Allow plenty of fresh air to go into the incubator cellar. The eggs need fresh air and unless such air is allowed in the room they will not get it. Burn all worthless eggs and dead chicks or bury them deep. Do not let them accumulate in the incubator cellar. Disinfect thoroughly after each hatch, using Zenoleum or some other good disinfectant.



Under this heading "Pick Ups Here and There," we will give our readers each month clippings from our exchanges that we think will interest them.

Chinese Eggs.

A. P. Hensington, Butte, Mont., said to be the king of the Chinese egg industry on the coast, recently received a shipment of 10,000 cases by the steamship Ide Maru. Upon the arrival of the eggs Mr. Hensington arranged a banquet at the Ranier Grand Hotel, Seattle, Wash. The invited guests consisted of the produce dealers of that section. The novel feature of the banquet was the fact that the principal dishes on the menu consisted of Chinese eggs served in various forms. It is said that each guest pronounced every dish simply delicious. This is one way of advertising this somewhat antiquated hen fruit that may in the future prove to be a serious competitor for our home product.



Mrs. Chas. Jeffries, Breeder of Barred Rocks, Elizabethtown, Ky.

Texas Coming to Front.

The New York Produce Review, in commenting on the poultry industry in Texas, records the rapid growth of the industry in the Lone Star State, also the improvement in quality in the following manner:

"The rapid strides which Texas has been making in recent years in the development of the poultry industry is indicated by the increasing quantity and improved quality of shipments coming to the New York market. Of a recent week's total receipts of 113 cars of live poultry arriving in this market fully thirty cars, over a quarter of the stock unloaded, originated in the Lone Star State. And the quality of this poultry is averaging

better each year. A number of the shipping points are now sending forward a far superior grade of fowls, compared to the average Texas fowl of the past, and it is evident that in certain sections of the State better blood is being introduced in the flocks and more care given to raising and fattening. Certain marks of Texas fowls, both live and dressed, received here this season, according to the receivers, compare favorably with fancy Indiana stock.

"In the opinion of a number of well posted New York dealers, in touch with the development of the poultry industry in Texas, it will not be many years before that State takes the lead in quantity of poultry products, and a steady improvement is looked for in size and quality of both poultry and eggs. Over a considerable part of Texas cost of production is low and this is attracting the attention of shippers. Facilities for handling the stock from farm to market are being improved and railroads are doing much to provide better transportation facilities."—A. P. W.

Handling Sick Fowls.

No one wishes the disagreeable duty of handling sick fowls. A sick fowl seldom cares to eat, but it will drink. Then why not give the medicine in the drinking water. Here are a few remedies:

For the cholera give a teaspoonful of liquid carbolic acid in each quart

of drinking water. For indigestion use five drops of the tincture of nux vomica. For roup use a tablespoonful of chlorate of potash. For general debility use the nux vomica one day and twenty drops of tincture of iron the next. For little chicks that are weak in the legs use a tablespoonful of phosphate of soda. Give all these remedies in one quart of water. They may not be "sure cures" but the method is the easiest, cheapest and best.

I have tried alum water with success for cankers in fowls and as I have not seen this given in your journal, I thought it might be of benefit to some one. I put alum in the water. If the fowl is too ill to drink I take a spoon and pour some down its throat. I have cured in every instance and cured the same fowl more than once.—Poultry Record.

THE "OK" POULTRY JOURNAL

Published on the 15th of each month. Subscription, one year, 25 cents; three years, 50 cents. Advertising rates on request. 24 to 48 pages monthly. Sample copy free.

THE "OK" POULTRY JOURNAL,
Box I Mounds, Okla.

YOUR CHICKS
Deserve a Good Living
Start 'Em Right



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Edinger & Company
Dept. A LOUISVILLE, KY.

ROSE COMB REDS

Eggs half price for balance of season. A few high class breeders cheap to make room. Get our prices before you buy. No sale unless you are satisfied.

MRS. H. R. NUSZ & SON

Box I. H.

Cecilian, Ky.

SPAIN'S BARRED PLYMOUTH ROCKS AND MAMMOTH BRONZE TURKEYS

The winners of the South, noted for their great production of eggs also. Eggs \$2 to \$5 per 15. M. B. Turkey eggs from flock headed by 35-pound yearling tom, which won fifth prize at Madison Square Garden in January. Eggs 50 cents apiece. Write for mating list.

E. C. SPAIN,

Church Road, Virginia



MARTIN'S REGALS HALF PRICE EGG SALE

After June 1, the price of eggs from my prize matings (as they run) will be \$2.50 per 15; \$4.50 per 30; \$6.00 per 45; \$12.00 per 100. Dorcas Pens, \$3.00 per 15; \$5.50 per 30; \$8.00 per 45; \$16.00 per 100. Special Matings, \$5.00 per 15; \$9.00 per 30; \$12.00 per 45; \$24.00 per 100. Utility Matings, \$3.50 per 50; \$6.50 per 100. This is an excellent chance to become acquainted with **America's Finest White Wyandottes** at small cost. Eighty per cent of my winning cockerels and pullets at the big winter shows are June hatched.

FREE—Send for catalogue and summer sale list, giving description of several hundred breeders I am offering for sale. Send one dime for the **Regal White Wyandotte Book** telling all about **White Wyandottes**.

JOHN S. MARTIN, Box 911 Port Dover, Canada



SOUTHEASTERN NOTES and COMMENTS

By D. R. McBRAYER, Mooresboro, N. C.

JUNE, the month of brides, roses and more baby chicks.

Don't forget that many fine birds have been hatched in June, so if you haven't all that you need or can care for, then hatch them this month. True, they will need a little extra attention. While they are young and tender they will need protection from the midday sun. They will also need protection from sudden downpours of rain. Provide board shelters about over the runs and encourage them to use these by feeding and watering near them. The June chick also will need a little more care in feeding. Give them plenty of sour skim milk or buttermilk to keep them from having bowel trouble and you will find that they will grow and make fine birds.

Chicks like water and will use lots of it if we will provide it cool and fresh. Never allow the sun to shine on the drinking vessels, heating the water until it is unfit for the growing youngsters. Earthen vessels keep the water cooler it seems than pans. Don't neglect this all-important part of the daily work in the poultry yard.

A good scratch formula for growing chicks after the fourth or fifth week is made as follows: 200 pounds of wheat; 100 pounds of coarse cracked corn; 100 pounds of white clipped oats. Mash to be kept in hoppers or fed once a day as a moist mash instead of the scratch feed.

Move the colony houses out in the fence corners near the growing cornfields, where the chicks can have plenty of range. They will chase bugs and grasshoppers and grow and mature very fast. This is the finest place in the world for growing chicks. They will grow much faster and you will have fewer deaths than among the ones grown in yards or about the house. Next to this is the orchard, and its about as good, too. At any rate either one is good, for they supply many bugs and worms, exercise and shade, requisites not to be overlooked in the rearing of chicks.

Now is a good time for the "live" breeder to improve his flock or get new blood if he needs it. Nearly all of the leading breeders are offering eggs at one-half the regular price and many of them are offering their season's breeding stock at prices that should be attractive to the man who wants to buy good birds at a reasonable price. Invest a few dollars now in a pen of good breeding birds and you will be able to hatch a few chicks yet this season.

For the first time since we began breeding purebred chickens, nearly ten years ago, the crows have given

us a lot of worry. They just swoop down upon the little chicks and carry them away. They are even worse than hawks once they get started on a bunch of chicks. This is a new experience with us and we were at a loss to know how to combat them. The shotgun proved the best remedy and we are about rid of them now.

Gather the eggs often these warm days. Once a day always, and twice if possible. Store them in a cool place and market all surplus ones as often as possible. The ones to be used for hatching should be turned once a day and set before they are over a week old. It is also highly advantageous to remove all male birds from the females as soon as the hatching is over. The eggs will keep two or three times as long as will fertile ones. If every farmer and poultryman would do this it would save thousands upon thousands annually.

If you have more eggs than you need and care to do so you can put them down in waterglass and keep them until next November or December in good condition and make quite a neat little sum on the money you will have to invest. We have kept them in good condition and made 100 per cent over the price offered when we put them down.

Do not give the hens much corn from now on during the summer as it is too fattening. Substitute oats and wheat for the corn and do not allow the hens to become overfat. It is not only dangerous but they will not lay nearly so well. Plenty of green feed, water and shade are essential to a heavy egg yield during the hot summer months. Are you providing them along with your grain feed? If not, you will not get the best results.

The May number of the Reliable Poultry Journal has a very interesting article on the poultry industry around the great Morristown, Tenn., poultry district. It is very interesting to know the great things that are being done around Morristown and the

Reliable's article so well gotten up should open the eyes of many other sections of the country where the opportunities are just as great, if the people would only get down to work and get a good market for their product. The "Petluma of the East" is Morristown, Tenn. We lift our hat to you. May you continue to prosper!

Renew your subscription now to the **Industrious Hen**. Don't miss a single issue. Send us 50 cents and we will give you a poultry punch or twenty-four legbands free.

Let Us Help You Feed and Brood Your Chicks

Cyphers Poultry Foods

For 20 years used and endorsed by the leading successful poultrymen.

YOUR growing chicks now need *Chick and Developing Foods*, and *Growing and Fattening Mash*; your laying stock requires *Scratching Food*, *Laying Mash* and *Meat Scrap*. If your local dealer does not carry Cyphers Foods in stock, send us his name and address; also write for our Current Price List for direct shipment. Be sure to get our FREE book, "POULTRY FOODS AND FEEDING,"—the "Cyphers Way" of rearing chicks.

Cyphers Brooders and Hovers

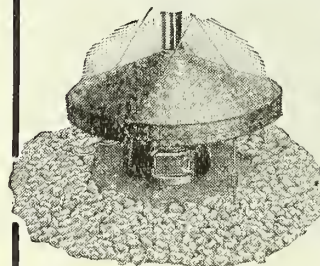
Combine every requirement for successful brooding at low cost. Are all metal; automatic in ventilation and regulation. *A size, style and price for every purpose*. Write for our FREE book, "BEST METHODS OF BROODING."

Big Free Catalog "The PROFITS IN POULTRY KEEPING." 172 pages. Describes Cyphers Incubators, Brooders, Hovers, Foods, Remedies, Lice Paint and Powder, Food Hoppers, Drinking Fountains, etc. You need this book. WRITE NOW! A postal will do.

Address nearest office

**Cyphers
Incubator
Company**

Dept. 13
Buffalo, N. Y.
New York, N. Y.
Boston, Mass.
Chicago, Ill.
Kansas City, Mo.
Oakland, Cal.



Coal-Heated Colony Hovers
\$15 Up
Capacity 300 to 1,500 chicks



SINGLE COMB ANCONAS

and eggs cheap balance of season and summer. To reduce my old stock I will sell one and two-year-old hens for \$1.25 each, if two or more taken. If cockerel 10 weeks old taken with two or more hens, \$3.00 for trio. Will ship when cockerel reaches the proper age. Eggs at \$1.50 per thirty; \$2.25 per fifty, and \$4.00 per hundred. Thoroughbred stock and fine laying strain. With each order directions for feeding for eggs, making medicines and tonics, and how to raise chickens to make money out of them that will bring you success if followed. Write for literature. Bank references given.

VINELAND YARDS

TULLAHOMA,

TENNESSEE



TURKEY & WATER FOWL

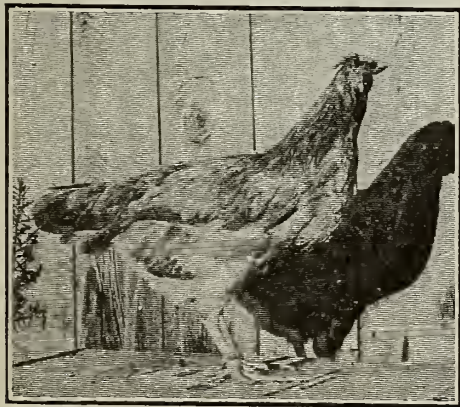
DEPARTMENT

This department is conducted by Mrs. J. C. Shofner, Mulberry, Tenn., and any questions that you wish to ask will be answered through this department, if addressed to Mrs. Shofner. If a personal reply is wanted, enclose a stamped envelope.

Lice on Young Turkeys and How to Get Rid of Them.

IT IS almost an impossibility to get young turkeys hatched off by natural incubation without some lice on them, and nature's way is the way nine-tenths of our young turkeys are hatched, either under chicken hens or turkey hens, and it seems that lice are more numerous on setting hens than on hens that are laying and going about, or at least they multiply very rapidly on them, and to do all we can in dusting during the four weeks' incubation there are some lice left on the mother and as soon as the little tender poult comes out of the shell it seems that the vermin prefers the young blood and leaves the hen and takes refuge on the head of the poult.

There are several kinds of turkey lice all on the body at once; some are more trouble to get rid of than others. The kind we see on the young are those grey head and neck lice. We find them at once, and to delay destroying these few means a weakened poult in a day or two. They get so



S. C. Buff Leghorn, bred and owned by W. L. Williams, Jr., Frankfort, Ky. See his adv. in this issue.

weak they fall and are too weak to regain standing position; and, indeed, may possibly lie there and die. I usually dust them thoroughly when taken off the nest, then use a mixture of coal oil and hog's lard, to the proportion of one teaspoonful of coal oil to two tablespoonfuls of lard, melted and well mixed. This I use on the hen, on top of her back and around vent, but not under wings or breast, for there is the nestling place for the baby turks, and while so tender and young need very little grease about them, but I use just a tiny bit of pure vaseline on the head and under the throats of each little one to kill those head lice and prevent any more from hatching out on them. This should be done just before going to roost at night, as they rub the most

of this off on mother before morning, by which time it has served the purpose for which it was intended; besides killing the lice it oils mother's under feathers a tiny bit.

Now this is the first lice we have to contend with and can be easily seen; but there is a small white kind that is very secret in its work and before one is aware of anything wrong their poults are so weak they lag behind and in a day or two are dead. These lice are very small and are found bedded in between little wing quills just under the little down on top of wing. These dreaded little pests make their appearance in about one week or ten days and the best remedy for ridding them of these is to use a little of the vaseline or lard on tip of finger and get it down in between those little wing quills about every week or ten days for three or four weeks if necessary; but vigilant watch should be kept until after they put on their permanent feathers, as this moulting season is a very critical period and if they are weakened by lice they cannot make feathers in a weakened, rundown condition. In fact, many times whole flocks become diseased from rundown condition during the feather-making season. Lice seem to breed more rapidly on weakened, diseased blood than strong, healthy fowls, and if we succeed we must wage continual warfare to rid our fowls while growing of lice.

After they have put on their permanent feathers, if they are lousy I dip them in some good stock or poultry dip, as grease soils the feathers, that we may have them clean and

clear in the show room in the early fall or winter.

Morristown, Tenn., is fast coming into the limelight as a poultry center. During the past year more than \$2,250,000 worth of poultry and eggs have been shipped from this district. The greater portion of this went to Eastern markets and consisted of 721 carloads as follows: 440 cars of eggs, 165 cars live poultry and 116 cars dressed poultry.

BUFF ORPINGTONS

Eggs and stock any time. Write for prices and show record.

BLOOM KENDALL,

Shelby,

Box B

North Carolina



Mapleside "Bred-to-Lay" Barred Plymouth Rocks

Acknowledge no superiors as layers. Eggs for hatching 10c each; \$4 per 50, \$7.50 per 100. Circular of facts free.

290 EGGS IN ONE YEAR

O. F. MITTENDORFF, Lincoln, Box M III.

EGGS FOR HATCHING

Genuine line-bred Single Comb Buff Orpingtons. 8 to 10 lbs. in 10 to 12 months. \$1.50 per fifteen; \$7.00 per hundred.

LUCILE POULTRY YARDS

Rankin Eastin, Owner

Box 395,

Madisonville, Kentucky

MAMMOTH BRONZE TURKEY EGGS

FOR SALE

Do you want stock from the largest and finest in the South, from prize winners at Madison Square Garden, World's Fair, Nashville and many other great shows? Two flocks, unrelated, to select from. Also Barred Rocks, stock and eggs. Write at once to



MRS. J. C. SHOFNER
Route 1
Mulberry, Tenn.

EGGS FROM IMPERIAL BARRED PLYMOUTH ROCKS

at \$2.00 per setting of 15. Two settings for \$3.50. Also have one dozen Blue Andalusians. Will close out at one dollar each.

LESLIE V. JACOBS,

R. No. 1

Wilmore, Kentucky

14-VARIETIES-14

Reduced Prices for May and June

We are offering eggs from the following grand matings at greatly reduced prices. All pens are headed by first prize cocks and cockerels, mated to trap-nested heavy laying females that have won in all the larger shows. Out of a possible 240, we won 139 firsts, 69 seconds and 26 thirds, besides many cup specials and A. P. A. Medals and Diplomas. Eggs from Single Comb White Leghorns, Single Comb Buff Leghorns, Blue Andalusians, White Plymouth Rocks, Silver Pencilled Plymouth Rocks, Partridge Plymouth Rocks, Buff Plymouth Rocks, Black Orpingtons, Light Brahmas, Silver Spangled Hamburgs, Lakenvelders, White Minorcas, Dark Cornish, at \$1.50 per 15 eggs or \$2.75 per 30 eggs. White Muscovy Ducks at \$1.50 per 12 eggs. We guarantee 12 live chicks from every setting of 15 eggs or will replace free of charge. Catalogue and mating list free. Can furnish some nice pens and trios of Single Comb White and Single Comb Buff Leghorns at \$4.50 per trio, \$7.50 per pen of five. Book your orders now for young stock and get the pick. Can furnish winners for any show. Write us your wants. All eggs ordered direct from this ad will be delivered free.

LOMBARDY HEIGHTS POULTRY FARM

J. O. Reid, Prop.

Stanford, Ky.



By F. H. REILS, Tampa, Fla.

Current Misconceptions of the South.

THE importance of this subject I deem of such widespread interest that I shall devote the space to answering some of the general misinformation that has gone out about us, and which may be credited by those who are not familiar with conditions here.

Every mail brings me letters from people who look forward to the day when they will be able to make their home in our generous clime, and I judge from these that the public is not well posted on what we are doing and what the South offers. If the poultry press of the South would offer a little more information along this line, I am sure it would prove a decided benefit to all, and the space may well be spared in putting us in the right light before those whom we expect to induce to come to live among us.

The advertising pages of a paper is the great main artery that provides the actual money requirements of every publication, yet many of the advertisers are not appraised of what we are doing. Be sure that every other section has had its claims well put before the world, while we have been satisfied to go along the even tenor of our way in the apparent belief that the advertiser would look us up whenever he wanted to use us. How far we shoot from the mark is evident when we compare the advertising columns of the average papers from other sections with those of our own, notwithstanding the fact that we present good, timely, well-advised reading matter, and that too, we have "a pond that is not fished dry."

The magnificent material development of the South is the marvel of all who realize it. You manufacturers who are looking for a profitable source for the sale of your goods, awoken to your opportunities. You breeders who are producing more than you can sell in your own sections, already honeycombed with competition, look over the alluring field here presented to you. We are face to face here with an unprecedented industrial regeneration, and those advertisers whose mental grasp of Southern business conditions is still hitched to a business picture two decades old, you are just that far behind the times.

No need to call this the New South. The same high ideals prevail that have made our section so signally honored in the past. We are, as we ever will be, loyal to our institutions, asking for ourselves no more than we are willing to concede to others, and the advertiser who comes before us asking for our business has only to treat us right to build up a steady stream of repeat orders, for deep-seated conviction is the impulse upon which the Southern people buy, and the repeat orders furnish the natural sequence.

Here is an amazing array of figures taken from a well-known authority which should open the eyes of the world to what we are doing:

The South is yielding annually:

\$3,000,000,000	from its factories.
2,800,000,000	from its farms.
500,000,000	from its forests.
300,000,000	from its mines.
1,000,000,000	from its cotton and seed.
125,000,000	of grain.
200,000,000	of live stock.
180,000,000	of dairy products.
180,000,000	of poultry products.
150,000,000	of fruits and vegetables.
75,000,000	of tobacco.
50,000,000	of sugar products.
650,000,000	of exports.
1,250,000,000	of cotton goods.
20,000,000,000	feet of lumber.
90,000,000	tons of coal.
30,000,000	barrels of petroleum.
8,500,000	tons of coke.
7,000,000	tons of iron ore.
4,000,000	tons of pig iron.
2,500,000	tons of phosphate rock.
350,000	tons of sulphur.

Outside of those sections immediately concerned in the manufacture of munitions of war for the Allies, no section of the country is today enjoying a greater measure of prosperity, notwithstanding the general upheaval due to conditions in Europe. What does this mean to the advertiser? Those who are casting about for a market for their products will do well to consider in every plan mapped out



For Greatest Satisfaction Use
DOUBLE SERVICE
Automobile Tires
Guaranteed 7,000 Miles Service

Absolutely Punctureproof

Double Service Tires are made double the thickness of the best standard make tires.

This 100% greater wearing surface naturally gives that much more mileage and service. The average of 12 miles of tough

fabric and one inch surface tread rubber makes these tires absolutely punctureproof.

These tires excel all others for use in the country over rough and rugged roads as well as on hard pavements. They are as easy riding and resilient as any other pneumatic tire—the air space and pressure being the same.

They are the most economical and "care free" tires made and are used where tires must be depended on and tire troubles cannot be tolerated. Many Double Service style tires are in use in the U. S. government and European War service.

Our output is limited to a certain amount, but for a short time we offer the following reduced special prices as an introductory offer.

PRICES

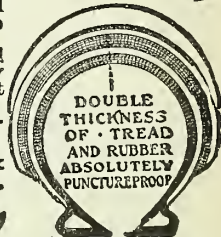
Tires Tubes		Tires Tubes	
30x3 in.	\$ 8.60 \$2.30	36x4 in.	\$17.45 \$4.65
30x3½ in.	10.85 3.10	36x4½ in.	21.20 5.60
32x3½ in.	12.75 3.20	36x4¾ in.	22.50 5.75
33x4 in.	15.75 4.20	37x4½ in.	25.60 6.20
34x4 in.	16.70 4.55	37x5 in.	26.30 6.60

All other sizes not included in above list also furnished. Non-skids at 10% additional.

Terms: Payment with order at above special prices, a 10% discount allowed on orders for two or more tires. All personal checks must be certified.

Try these tires now and be convinced of their very high qualities. Sold direct to the consumer only. Descriptive folder upon request. Write for it.

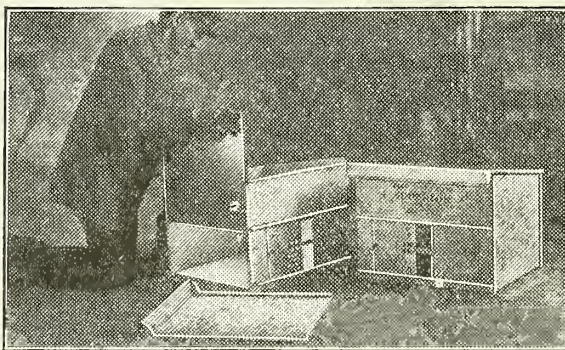
Double Service Tire & Rubber Co., Akron, O.
Dept. I. H.



EGGS AND BABY CHICKS

Leghorns, Campines, Anconas, Hamburgs, Orpingtons, R. I. Reds, Wyandottes, Plymouth Rocks, Langshans, Brahmas. Chicks, \$12.00 per 100 and up. Eggs, \$1.50 per 15; \$50.00 per 100. Price list free.

MILLER POULTRY FARM, R. No. 9, Lancaster, Missouri



THE DELPHOS Superior Brooder Coop

Made of galvanized material. Rat-proof—sanitary—perfectly ventilated. Every part slides into place, fits snug and no tools but the two hands are required to set it up. Collapsible and easily stored when not in use. Special prices to agents. We can use a good agent in every locality. Write for particulars.

THE DELPHOS MFG. CO.

Dept. I. H.

Delphos, Ohio

WINNERS

On Buff Orpingtons at the Armory Show at Louisville, first pullet, third young pen. Kentucky State Poultry Show, at Lexington, first hen, first cockerel, first pullet as well as National Buff Orpington Club's Ribbons for best hen, best cockerel and best pullet in the show. Eggs from these winners at \$5.00 for fifteen. Eggs from other pens \$1.50 and \$3.00 per setting. I also have some good breeding birds in Reds (Single Comb) at give-away prices. Write for what you want. Also four yearling cocks in White Orpingtons cheap. Satisfaction guaranteed in anything I sell.

DANVILLE

S. M. HARBISON

KENTUCKY

Just say you saw it in THE INDUSTRIOUS HEN.

Single Comb Brown Leghorns!

Winners at Louisville, Lexington, Ky., Knoxville, Tenn., New Albany, Ind., Hamilton, Ohio, Indianapolis, Ind., Augusta, Ga. Cockerels at \$3 and \$5 each; Pullets at \$2 to \$5 each. Exhibition stock special prices.

BONNYCASTLE POULTRY YARDS

LOUISVILLE, KY.

the advantages of the South as herein shown.

Now for a few words of advice to the prospective settler. Don't be misled by alluring offers made by speculators and promoters, and by real estate operators who have written so much that they actually believe their own dope as true. All over this Southern section good land is to be found, land suitable for every purpose, while there is also a great deal of land that is not now suited to any purpose whatever, and will not be until drainage projects contemplated are put under way and completed. No one should buy land today sight unseen. Every reputable real estate dealer will be glad to have you come and see for yourself what is offered; indeed, some here in Florida will not sell unless the prospective buyer visits the land in person or by representative. Many makes the proposition to refund the cost of transportation to those who actually buy, and the day of the old land shark is rapidly coming to a close. However, even with the best intentions on both sides, disagreements sometime occur and misunderstandings follow, so that we advise again against the purchase of lands anywhere without seeing what you are going to get. This is an answer to a number of letters I have, asking advice along this line.

The South as a place of residence is as much misunderstood by outsiders apparently as are other matters concerning her. One well-known writer recently went so far as to state that a man who labored in the South would be looked down upon and be ostracised by his neighbors, tending to convey the impression that the dignity of labor was discounted in this section of the world. Of course, no one would credit this statement unless a rank stranger to our section and one totally unacquainted with our history and our people. The climate is ideal; harsh winters seldom trouble us and the summers are less oppressive than in the North. Our growing season is longer for both poultry and the stuff to feed them, we do with less expensive houses than elsewhere, and by producing green stuff nearly every month in the year we reduce our feed bills to a minimum of expense.

Can I grow poultry in the South? This question comes so regularly that it gets monotonous, but it must be answered. If you doubt that it can be done, write to any Southern advertiser in the *Industrious Hen*, enclosing stamped envelope for reply, and I venture you will have no further doubts. The fact of the matter is, our staunchest supporters, our best boosters for the South, are Northern men and women who have lived here, enjoyed the climate and made a good living while doing it.

Now just a word in conclusion. Don't worry about the bugaboo "class


distinction," the stock argument of the opposition to this section. You will find our people whole-souled, hospitable and kind, extending a helping hand to the newcomer and welcoming him to his new home. Southern hospitality is no misnomer. It is evident on all sides and is remarked upon by people who come here unused to our ways and mannerisms, and who expect to pay for every little favor and do not understand us when we decline their money.

I have no interest whatever in misleading any one in locating here. On the other hand, through every paper that I am identified with I have sent out the warning that to buy land without seeing it was the first step in disappointment and subsequent loss, and many a man has thanked me for my advice after he had put it in practice and located himself to his entire satisfaction. Neither would I entice any man from his home elsewhere, where he is enjoying the comforts of life and making a good living; but when I get a letter from a man who through illness or otherwise is compelled to move, I give him advice to the best of my ability, and I have never misled one yet that I know of. Having no ax to grind, but only at heart the interest of my section and my people, I find it a pleasant task, even sometimes at great inconvenience, to go out of my way to help these people. It is a labor of love, because the South was my birthplace, I am proud of her history and I glory in her industrial advancement, and wish to see others from less favored sections share with us the bounties that nature has provided.

Blue Orpingtons Received by Lombardy Heights Farm Direct from England.

A cock bird and two hens of the Blue Orpington strain, which is something new among chicken fanciers, were received by John O. Reid, proprietor of Lombardy Heights Poultry Farm, of this city, Sunday, the birds being a

S. C RHODE ISLAND REDS AND INDIAN RUNNER DUCKS
Eggs for hatching from our best birds at \$1.50 per 15. Duck eggs \$1 per 13. Write us your wants. We can please you. Address
W. A. RAMSEY, R. No. 11, Buechel, Ky.



GOOD BODIES AND QUICK GROWTH

In broilers and pullets bring you early profits. Help your chicks build bone and muscle by putting a little

CONKEY'S POULTRY TONIC
in their mash. 25c, 50c, Pail \$1.25.

CONKEY'S HEAD LICE OINTMENT, LICE FIX, LICE POWDER and LICE LIQUID dispose of lice and mites and help birds grow. 10c, 25c, 50c.

CONKEY'S WHITE DIARRHEA REMEDY and CONKEY'S GAPE REMEDY both save chicks. 25c, 50c.

Always have **CONKEY'S ROUP REMEDY** ready. 25c, 50c.

THE G. F. CONKEY CO.
1011 Conkey Bldg., Cleveland, O.

direct importation from England. Mr. Reid, who is always on the lookout for the latest and best for his host of patrons, made the importation with two other big national fanciers, being determined to secure the birds direct from the fountainhead.

His trio arrived in splendid shape considering their long journey and are quite an addition to the Lombardy Heights collection of feathered blue bloods.

Mr. Reid has now in press a very handsome poultry catalogue and mating list, which he will soon mail out to his customers. It is profusely illustrated with scenes of his yards and will undoubtedly be sought for with unusual interest by fanciers and all others interested in fine poultry. Mr. Reid is being kept busy filling orders for eggs from his different yards, the orders coming in from all sections of the country. He has built up a great business in purebred poultry and his immense plant must be seen to be appreciated. —Stanford (Ky.) Interior Journal.

The third sex in the chicken yard

Hens for eggs.
Cocks for larger flocks.
Capons for double-size birds and bigger profits from same feed.

No farmer or poultry raiser can claim to be making the most of his opportunities unless he caponizes a large proportion of his young cockerels. With

PILLING *Easy to use*
CAPON TOOLS



anyone can turn young cockerels into capons.

Cheaper and easier to raise, need less care; same amount of feed required for 5 lb. cockerel produces 10 lb. capon, selling for 30c per pound when roosters bring only 15c.

Complete set of reliable, practical **Pilling Caponizing Tools**, with full instructions, sent postpaid for **\$2.50**

Write today for free Capon Book

G. P. PILLING & SON CO.,
23d & ARCH ST., PHILADELPHIA, PA.
Make money caponizing!

Everybody Reads Everybodys

A Poultry Magazine of unusual interest.

One Year 50 cents
Three Years \$1.00

Agents wanted; write for sample copy.

EVERYBODYS POULTRY MAGAZINE

Box 286 W

Hanover, Pa.

Label Your Preserves

550 labels, 24 varieties of fruit, large letters, gummed, easy to place on jar or can. Size each label 1/2 x 3 2-3 inches. Mailed, postpaid, for 25 cents.

THE ITEM PUB. CO.
BOX H SELLERSVILLE, PA.



This department is conducted by the Editor, 901-902 Great Southern Building, Louisville, Ky. If your birds are sick, write him. He will tell you through this department where your trouble lies. If you want a personal reply, send stamped envelope.

Lice.

Editor Industrious Hen,
Louisville, Ky.

Dear Sir: I have a few questions to ask. Please answer in June issue of the Industrious Hen. I have a bunch of Barred Plymouth Hens. Some time ago I noticed feathers getting thin behind and very red, and I caught one and it had lots of lice on it just under tail. Around hind parts they were just thick. I could not find any on them anywhere else except just in that one place and every hen I have is just full and they were very sore where the lice were. The feathers were dead and broke off just leaving stubs. I have been raising chickens for twenty years and never had any lice like them. Yours respectfully,
B. G. T.

Cornelius, N. C.

ANSWER.—Your birds seem to be real lousy. Do not waste any time in getting rid of the pests but secure a good reliable louse powder and dust the hens according to directions. Any of the insect powders advertised in these columns are good and will do the work satisfactorily, and we recommend any of them to you. Dust the hens every ten days until lice are gone. Lice breed very fast at this time of the year and not only cause loss from old birds but will kill the young chicks as well. You can easily rid your birds of these pests by a little work with a good powder.

Lack of Vitality.

Editor Industrious Hen,
Louisville, Ky.

Dear Sir: I would like to have you tell me what to do for my little chicks. They begin to droop and won't eat and only live a day or so. I can't see anything wrong with them. They haven't got bowel trouble or any mites or lice as I haven't been bothered with mites or lice since I began to use the powder which I saw advertised in your paper. My old chickens are healthy. Could it be the water they drink that stands in mud-puddles until it gets a green skum on it? I feed ground Kafir corn. Yours truly,
MRS. E. C.

Lane, Kan.

ANSWER.—It is possible that the chicks are drinking the stagnant water which might have something to do with their dying, but I am of the opinion that it is caused by the chicks being weak and without vitality, better known as "weak germs." Do not allow them to drink the impure water any more, but if possible give them sour milk. Make them scratch after all the grain you give them in a deep litter and supply plenty of grit, oyster shell and charcoal. The vitality in the breeding stock is low and it is impossible to produce strong chicks from such birds. Dispose of these birds and make a new start next season, but be sure to get birds with strong vitality.

Black Comb.

Editor Industrious Hen,
Louisville, Ky.

Dear Sir: I have a Single Comb Black Minorca cockerel that has a dark comb. In other ways he is perfectly healthy.

The entire comb is dark, the tips are much darker than the base of the comb. Can you tell me what the trouble is and how to bring the color of the comb back to normal? Please answer through the June issue of the Industrious Hen, as I am one of your subscribers and have been for the past five years. Yours truly,
W. H. W.

Paris, Tenn.

ANSWER.—Your cockerel has what is known as "black comb" or "Black rot," and if it is in its advance stage it will be pretty hard to treat to get it back to its normal color. It may be possible that the bird has some liver trouble which is not so serious. Give one of Carter's Little Liver Pills every night for about a week, also place a teaspoonful of muriate of ammonia in a pint of drinking water twice a day and allow no other drink until you see some improvement. Feed plenty of green food and compel the bird to exercise after all grain food fed it.

Canker

Industrious Hen,
Louisville, Ky.

Gentlemen: Will you please have your poultryman give me this information? I have some hens that have something the matter with their windpipe. They gasp for breath and make a chirping noise about ever few minutes. Their eyes are not watering and that is one reason I don't think it is roup. Please let me know by return mail about this. Yours truly,
Bristol, Va.

T. C. S.

ANSWER.—Open the mouth of one of your birds and I believe you will find a cankerous growth at the opening of the windpipe. This will be a cheesy color and can be easily removed. This growth will grow and gradually close up the opening of the windpipe, causing the bird to die from suffocation. After removing this growth paint the raw surface with a fifty per cent solution of iodine and alcohol. If you do not find any growth present your birds possibly have bronchitis. Give them one tablet three times a day containing 1-1000 grain drug strength of arsenate of antimony until relieved.

Brown Leghorn Club Year Book.

We are just in receipt of the tenth annual year book of the American Single Comb Brown Leghorn Club. This courtesy being extended us by H. V. Tormohlen, president, Portland, Ind.,

who has the honor of editing this edition.

No catalog reaching our desk has pleased us more or shows more careful preparation. For a time it was thought the Brown Leghorns were a "dead one," but due to the untiring efforts of Mr. Tormohlen as president, enthusiasm among the members and interest in the variety has been aroused as never before and this variety can almost be said to enjoy a boom at the present time.

The club has recently had a new club emblem made which is attractive and striking and we are glad to be able to acquaint our readers with it. The Brown Leghorns were our earliest heavy layers and today this characteristic stands out as the variety's chief asset as it was fifty years ago.

The new catalog a forty-four-page edition, is the largest and best ever gotten out by the club and alone is worth the price of membership—\$1.00—in the club. It contains valuable articles on mating, breeding and caring for this variety.

Further information can be obtained either from the president or the secretary, Noel M. Hall, Harrisonville, Mo.

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WORKS

Producing Hatchable Eggs in Winter.

By Mrs. J. F. Vermillion, Rusk, Texas.

THE first requisite for producing hatchable eggs in winter is to produce them at all when the thermometer is hovering around the zero mark. A heavy production of winter eggs is an important factor from the view point of either the fancier or market poultryman. To secure best results along this line, several points must be considered. First, the selection of the breed and naturally this writer would suggest the Rhode Island Reds, first, last and always. Then each season breed only from hens that are tested winter layers. It is not a difficult matter to produce hatchable eggs during the natural mating season, March, April and May, but in December, January and February great care must be exercised, both in the selection of birds for breeders and in the method of caring for and feeding them. We use only hens or fully developed pullets, not under ten months old in our breeding pens for early matings. The younger pullet may be a beauty but her eggs will not produce healthy vigorous chicks. Just now I have a pullet that is, I believe the prettiest I ever saw. She was hatched in September and commenced laying in February but her eggs all go to the kitchen and will continue to until she is older. The male bird too, heading the pens must be at least eleven months old and I prefer a cock bird. I never give a male bird over seven females in a pen. Proper feed and plenty of exercise are essential in keeping breeding stock in condition for best results in breeding season. We provide each pen with a long run for exercise and of course provide green food in winter. Here in the far South the green food proposition is not difficult to solve with our great variety of winter growing greens, such as collards and other vegetables that grow in abundance during the winter months, in addition to sprouted oats, which we feed daily. We feed commercial beef scraps for animal food, with an occasional feed of ground green bone. And best of all animal food is the buttermilk which our beautiful Jerseys supply so bountifully and our pens produce just as many hatchable eggs in December as in May.

Campine Club's Executive Board.

The American Campine Club certainly has a very efficient trio in its recently elected executive board in the persons of Chas. A. Phipps, Wayland, Mass.; S. V. R. Martling, Ridgeville, N. J., and Mrs. A. A. Carver, Seville, Ohio. At the recent fifth annual meeting, M. R. Jacobus, of Ridgefield, N. J., was re-elected president. This club is one of the most prosperous specialty clubs in poultrydom and is composed of live wires.—Poultry Success.

Plan now to raise your own chicken feed this year. Corn, wheat and oats good scratch grain and we can, with a little effort, grow every one of them right on our own farms. Moreover the quality of home-grown grains is always good provided we use due care in harvesting same. When we have our supply of grain in our bins, having produced it at home, we do not have to worry over the price of grain going up.

Chickenpox Remedy.

The proprietors claim nothing miraculous about "Non-Pox." It is simply a rational, scientific treatment for sore-head or chickenpox. The discoverer of this remedy is a breeder of Single Comb Rhode Island Reds and about six years ago his flock was ravaged by the above mentioned disease. After trying out a number of remedies, all of which proved useless, he began experimenting on the theory that the disease was of spore origin, the problem being to find something that would kill the spores without injuring the fowl. After many experiments extending over quite a long period, "Non-Pox" was discovered almost by accident, it being prepared originally for the watery, inflamed eyes that poultry is subject to. It worked fine on the eyes and in treating a bird for infected eyes that had the chickenpox the remedy was spilled by accident on the pox scab. It was noticed that the latter turned black and in a few days fell off, showing the sore entirely healed.

He then began its use in his own flock and supplying the neighbors with it and in no case that has come to his knowledge has it failed to work a cure. In a short time calls for the remedy were coming from nearby towns and it has recently been decided to place it for sale in the Southern States where chickenpox has caused so much loss to poultrymen. The remedy is put out on an absolute guarantee that if it fails to do the work, money will be cheerfully refunded as the proprietors believe in honest, fair treatment to all customers all the time.

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THE POSTAGE

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Tri-State Poultry Show.

The Memphis Tri-State Poultry Association announces the dates of its ninth annual exhibition as September 24 to 30, 1916. This show is held each year at Memphis, Tenn., in connection with the Tri-State Fair of Tennessee, Mississippi and Arkansas. Year by year the size and quality of the exhibit has increased as breeders are attracted by the liberal cash prizes and large specials. Through its policy of honesty and fair dealing and "cash for prizes" the Memphis show now takes rank with the most stable and successful shows of the country.

Operating in connection with the big Tri-State Fair the financial success is assured and permits a 25-cent entry fee to a show that offers thousands in cash.

The 1916 premium list will offer four thousand dollars in regular and special cash prizes with competition open to the world. Heading the show will be the two important specials—"The Open Sweepstakes" for the largest and best display, one breed, and variety and a similar special; "The Southern States Sweepstakes," open to the breeders in the eleven Southern States.

The judges secured to date are E. C. Branch, Lees Summit, Mo.; Chas. McClave, New London, Ohio, and J. C. Johnston, Springfield, Ill. These men have judged at most of the important shows from the Atlantic seaboard to San Francisco and their engagement at Memphis stamps the Tri-State Poultry Show as one of national importance.

The full and comprehensive premium list is now on the press and same with full particulars will be sent on request to C. G. Boyer, secretary-treasurer, 33 Porter building, Memphis, Tenn.

Our breeders' cards are big investments for the poultryman who wants to clean out all old stock for this season. Your chance is in our special offer, page 210, this issue.

American Buckeye Club Year Book.

The 1916 year book of the American Buckeye Club is now ready for mailing. The club is making a rapid stride and the Buckeyes are gaining popularity with the fanciers, as the world's greatest utility fowl.

The book contains forty-eight pages, handsomely illustrated with the winners at both club shows as well as the winners at the Panama-Pacific International Exposition Show. It also contains many interesting articles pertaining to the breed and the working of the club. This book should prove very helpful to every Buckeye breeder, so if you are not a member of this club, send \$1.00 for membership fee and the club dues up to November 1, 1916, and receive the book free, or the secretary will gladly mail you a book on receipt of eight cents in stamps.

For further information write the secretary-treasurer, H. W. Deem, Eaton, Ohio, or branch office, Mendenhall building, Dayton, Ohio.

Last month a two dollar classified ad in the Industrious Hen sold thirty birds in one order. Got some to sell? Try us once.

Automobile Owners Receive Good News.

The greatest boon to the automobile owners has just been given them recently in the form of a tire constructed of double the thickness of such tires as Diamond, Goodyear, Firestone and other standard makes. This added thickness in wearing surface makes the tires the best on the market today for real service, as they are puncture-proof and withstand great wear and hard service. Notwithstanding the many added features of these tires they are being sold now as an introductory offer at a price about 40 per cent lower than the regular price of standard tires. These tires bear a 7,000-mile guarantee, which is also double that of the regular made standard goods. These tires are being sold direct to the consumer by the Double Service Tire & Rubber Co., of Akron, Ohio., Dept. I. H.

Bargains for spring advertisers. On page 210 we offer big savings to our classified advertisers for the spring and summer months.

American S. C. Brown Leghorn Club Elects New Officers.

On account of the continued illness of his wife, Mr. J. H. Henderson, formerly secretary of the club, tendered his resignation at

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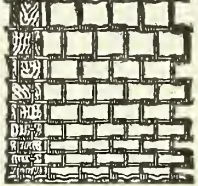
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the annual meeting and Mr. Noel Hall, Harrisonville, Mo., has been appointed to take his place by the executive board. Mr. H. V. Tormohlen, Portland, Ind., the newly elected president, is a well known breeder and judge and very active in placing the Single Comb Brown Leghorns to the front. There were more Brown Leghorns shown this year than in many years and the club with a complete new list of officers is entering upon a new era of usefulness. Artists are preparing a new club emblem and the president is editing the new club catalog. A campaign is on for new members. The dues are only \$1.00 each year and all breeders are urged to affiliate themselves with the club at once by sending their application either to the president or secretary.

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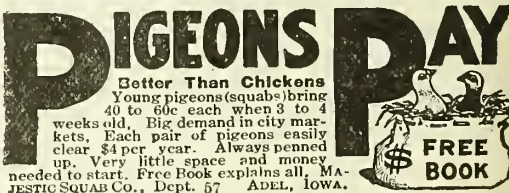


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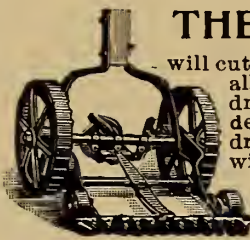
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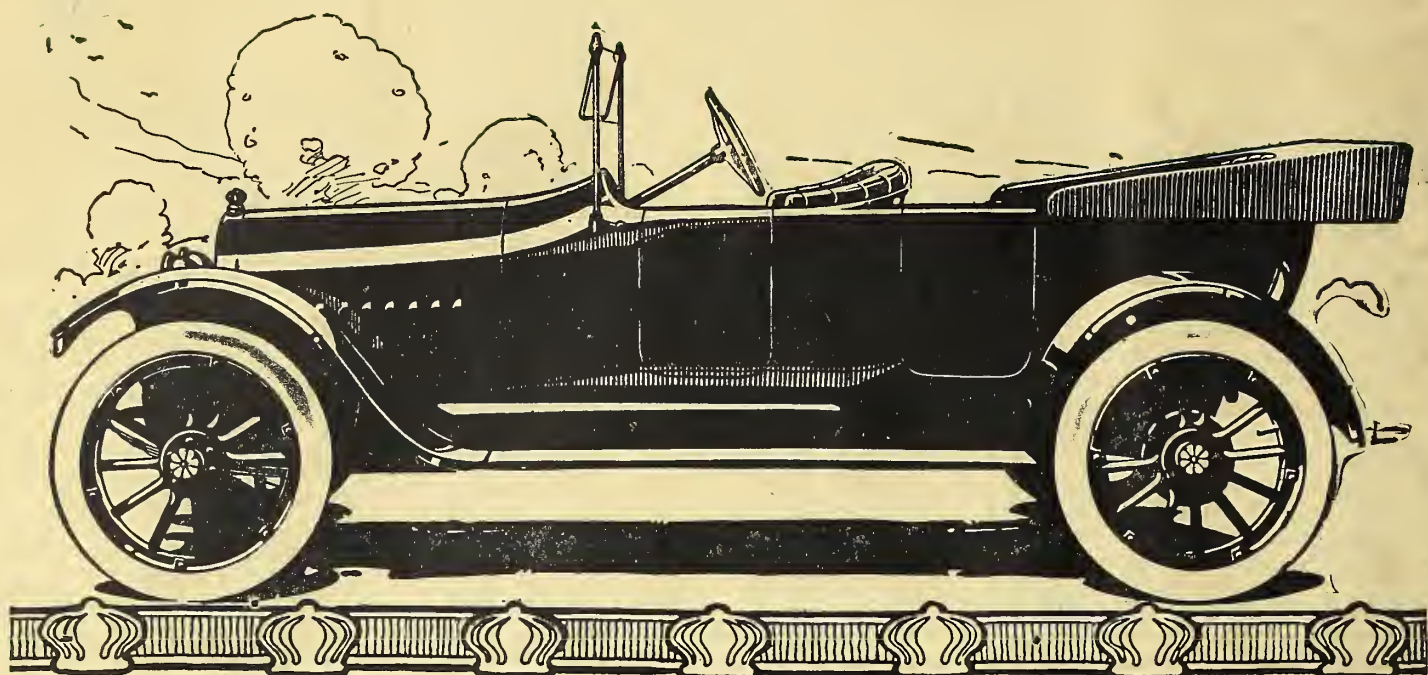
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In these days of soaring gasoline prices every automobile purchaser has to consider carefully what it will cost him to run his motor car as much as he considers its purchase price.

The Briscoe "4-38" is low in initial cost—\$785 at the factory. At this price we believe we are giving more value for every dollar than is to be had in any other car of similar price.

It has all the power you'll ever need—no matter what the road conditions and more speed than you will ever want to use. It's very easy to drive and control. Your wife or daughter can drive it with absolute safety.

Beautifully finished body, fine upholstery, soft seat cushions, plenty of seat and leg room, equipment that leaves nothing extra to buy are all yours for \$785 plus the freight.

The Briscoe "4-38" is heavy enough to stand up under constant country driving. It is light in weight, which, combined with correct engine design, is your guarantee that it will use little gasoline and oil and will obtain the greatest mileage from each tire.

You do yourself an injustice if you fail to examine and have demonstrated at your earliest convenience this dependable Briscoe car.

If you are not acquainted with the Briscoe dealer in your locality, we'll gladly send his name and address if you'll request it when asking for literature on Briscoe cars. Just address

Briscoe Motor Corporation

175 Leroy Avenue

Jackson, Michigan